



# Tower Talk — The best R/C products at



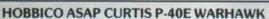
**TOWER HOBBIES EXPANDED SCALE VOLTMETER** 



A great price on an indispensible flight-line tool!

See page 44 for more information.







### ASSOCIATED STEALTH TRANSMISSION FOR RC10

The hottest hop-up for RC-10 at a Super-Low Tower Price.

See page 61 for more information.



TC4104



#### **FUTABA 4NBL 4-CHANNEL RADIO**

Lowest price in the industry!

See page 32 for more information.



3 S148 servos TC4106\*\*



### KYOSHO PORSCHE 962 GROUP C

Kyosho newest addition to their super-popular line of scale R/C cars!

See page 79 for more information



Stock #TC4107 • Retail Price \$219.95 • Now Only \$159.99

### **DURATRAX DTX-4 ELECTRONIC SPEED CONTROL**

w/J connector TC4108 Competitivequality TEMPFET®

speed control made affordable.

See page 47 for other connector styles.

"TEMPFET9" is a registered trademark of Siemens Comp

EED CONTROL





Stock #TC4112 • Retail Price \$194.95 • Now Only \$149.89

## the lowest prices!

Here's just a sampling of the many incredible values you'll find inside this issue of Tower Talk!



Versatile, convenient "must-haves" for the busy modeler!

See page 39 for details.



#### Stock# Description Retail Now TC4114 5950 Moto Tool Kit-20 Accessories . . \$115.50 \$67.99 TC4113 3950 Moto Tool Kit-40 Accessories . . 127.50

### **HOBBICO FLIGHTSTAR 40 AWARF**



### DTX 1400 SCR & 1700 SCE NiCd PACKS

Top power & low price for stock & modified motors.

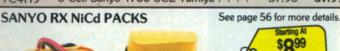






See page 57 for more information.

Stock#	Description	Retail	Now
TC4118	6 Cell Sanyo 1400 SCR-Tamiya	\$49.95	\$29.99
TC4119	6 Cell Sanyo 1700 SCE-Tamiya	51.95	31.99





Stock#	Description	Retail	Now
TC4121	600 mAh 4.8V Receiver NiCd Battery .	\$16.50	\$8.99
TC4122	800 mAh 4.8V Receiver NiCd Battery .	22.95	14.99
TC4123	1200 mAh 4.8V Receiver NiCd Battery	25.95	16.99

### **KYOSHO 5-& 7-CHANNEL RADIOS**

Two of the most incredible 1991 radio deals available!





Retail \$219.95



7-Channel FM

TC4117\*\*

See page 35 for more information.

See page 33 for more information.



курхно

# **TOWER HOBBIES**



1991 ISSUE NO. 2 GOOD THROUGH

### **CALL US TOLL FREE!**

### ORDER LINES

order

1-800-637-4989

To place a straightforward For questions or assistance with your order:

1-800-637-6050

To place an order using our 24-hour FAX machine: 1-217-356-6608

Non-Toll Free Order Line: 1-217-398-3636

#### **Sales Hours**

Mon-Thurs. 8 a.m.-10 p.m. Friday 8 a.m.-5 p.m. Saturday 9 a.m.-5 p.m. Sunday 10 a.m.-7 p.m.

### **CUSTOMER SERVICE LINES**

Toll-Free 1-800-523-0187

Non-Toll-Free 1-217-398-1100

### **Customer Service Hours**

Monday-Thursday 8 a.m. to 6 p.m. Friday 8 a.m. to 5 p.m.

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### SATISFACTION GUARANTEED

If for any reason you don't like or don't want something you received from Tower hobbies, you may return new and unused merchandise within 10 days for a full refund or exchange.

Availability, specifications and prices are subject to change Tower Hobbies maintains no responsibility for inadvertent errors in this Tower Talk

#### **Dear Tower Customers**,

This spring promises to be a great one for R/C. A wide variety of innovative new products have hit the market, more R/C channels are now available (thanks to the AMA) and Tower's famous, super-low pricing makes all of it very easy to afford.

The Great Planes P-51 Mustang (page 7) promises to become an all-time favorite in standoff, or "fun" scale sport planes. Now you can finally buy a super high-quality sport scale P-51 that builds as well as it flies. Another new aircraft entry, the Flitecraft Minute Man .40, (page 15) is an extremely durable ARF trainer that is about as



Kevin Hisel Dir. of Sales/Marketing

crash-resistant as they come. The good folks at Flitecraft have been making "hard-to-break" airplanes for a long time and this new kit is their hardiest ever. Truck lovers will fall head-over-heels for Kyosho's new Outlaw Rampage-a .12-sized, gas-powered truck based on the very successful Rampage chassis. Tweaked for truckin' the newest Outlaw features a Ford pick-up body and other new features. See page 53 for more.

We hope you enjoy this issue of Tower Talk as much as we enjoyed putting it together! Give us a browse, then give us a ring with

your springtime order-we're just a toll-free call away!

### **UPS Greatly Increases Rates — Tower Holds The Line**

Just before we went to press, we received a shocking letter from UPS informing us that, "On February 18, 1991 . . . rates for shipments to residential locations will increase by 16.1%. . . "We feel that this hike is inordinately excessive, but after considerable thought have decided to "hold the line" on our own normal \$5.25 shipping and handling charge for the time being.

One way you can help us to "hold the line" - and actually receive better service from UPS - is to have your orders sent to your "work" address. The UPS rate hike for packages shipped to businesses was not as great as their residential increase. UPS representatives also tell us that in general, business packages are delivered sooner than those going to home addresses. By shipping to your work, you also avoid the package being left outside of your home if no one is there. Remember, we keep both a mailing address and a shipping address on file for you, so your Tower Talks and catalogs can still be sent to your home. So, next time you order, just tell our Sales Representative, "Ship it to my work!" and we'll do the rest. Thanks!

### Tower Hobbies' 1991 Catalog!



The Annual Tower Hobbies Catalog: R/C Report calls is, "The singular best value in R/C today." Modelers everywhere refer to it as the "R/C bible." In addition to hundreds of new R/C products, the new 1991 Tower Catalog, includes reference material plus descriptions for over 10,000 R/C airplanes, cars, boats, radios, engines and other accessories, and one thing we know you'll love . . . lower prices! Despite rising costs, we've actually lowered our catalog pricing on hundreds of the most popular R/C products.

If you have ordered from Tower in the

last 18 months, you should have received your own copy absolutely FREE! If you would like to order a catalog, we still charge only \$3.00. No modeler should ever be without the Tower Hobbies 1991 Catalog!





**Model Of The Year"** 

By 12 of the world's most prominent R/C

PT-40 **Voted "RC** 

Aagazines. Congratulations to

**Great Planes!** 

The Expert's Choice in 20-size gas trainers.

Stable .40 trainer offers top gas power performance.

Gas or electric, they're perfect trainers.

.™ The Best Electric lectric Trainer Available.

As Low As

PT-40 Shown

### FREE **BULLET GLUE!**

Receive a FREE 1 oz. bottle of CA Bullet Glue with any kit purchased from pages 5-11! For more information see page 40.



O.S. engines give you high-performance, gas powered flight with the PT-20 or PT-40!



Highest quality materials & workmanship in every Great Planes Kit.



"Thrustmaster" 550-size electric motor power the PT-E, no fuss, no noise.

### Our best-selling wooden kit that anyone can build and fly!

Staggering - how else can we describe the number of "top gun" R/C pilots who first sprouted wings flying Great Planes PT-20 and PT-40 trainers? Great Planes' PTs make

flying fun, fast, and easy. They're easy to put up and hard to put down. So even if you have no experience flying R/C, you can still learn to fly R/C quickly with a PT as your flight instructor. No other wood kit builds as easily. All parts are machine-cut and sanded or razor cut. They interlock perfectly for a solid build. Detailed instructions guide you through every stage of construction, including radio and engine installation.

Soon you're in the air discovering just how smooth and steady R/C flight can be. Afraid of losing control? Just let go of the sticks. Your trainer will recover on its own! Before long, those early-flight gastronomical butterflies will be scrambling for cover as you send your PT-20 or PT-40, on a 4th channel through loops, rolls, and spins!

The Great Planes PT-E is a totally unique airplane that was designed to retain all of the great building and flying qualities of the PT-20 and PT-40, but adds a special twist never available to beginners before: electric power.

"Thanks for a great (PT-40) kit. Are all Great Planes kits this good? If so, I look forward to building more." David Statler, Imboden, AZ

Wingspan: 52" Requires:

PT-20

Engine: 2-Cycle . 15-.20

4-Cycle .26-.40 Radio: 3-4 Channel

PT-40

Wingspan: 60"

Requires: Engine: 2-Cycle .25-.40

4-Cycle .30-.45 Radio: 3-4 Channel

#### PT-Electric

Wingspan: 56"

Motor: Thrustmaster 550 (included)

Requires: Radio: 3-Channel

6-Cell Battery & Charger

Electrics have dramatically risen in popularity because they're clean, quiet, and convenient. Those are three very good reasons for building an electric trainer - no mess, no fuss, no noise. You can concentrate on more important things, like learning to fly.

Performance, however, doesn't suffer. Great Planes includes the popular "Thrustmaster" 550-size electric motor, a switch harness, propeller, and spinner as standard equipment. The package guarantees you easy takeoffs and at least 5 to 7 minutes of exciting flight.

All three Great Planes trainers are sure to take you confidently into the air. And right now, you can save on clean, quiet electric flight with the PT-Electric combo, which includes the kit, battery, and a Kyosho Multi-Charger II. Save again with the Milt's "How To..." video tape... 85 minutes of valuable tips and information that no new pilot should be without!

Stock #	Description	Retail	Now
TZ2101	PT-E/6C Sprint Batt/M-Chgr II Combo	\$164.85	\$114.97
TC1027	Great Planes PT-Electric Trainer	79.95	56.99
TC1028	Great Planes PT-20 Trainer	59.95	43.99
TC1029	Great Planes PT-40 Trainer	69.95	49.99
	Milt VHS "How To" Video: RC Airplane.		

### GREAT PLANES

### Super Decathlon 40

### Airshow realism with Great Planes performance.



Experience the thrills of a scale aerobatic airshow with the Great Planes Super Decathlon 40 —an easy-building sport scale kit with the same classic lines as the full-size aircraft.

The **Super Decathlon 40** was computer-designed for easy assembly and outstanding performance. Detailed, photo-illustrated instructions, rolled plans and Great Planes' traditional quality combine to make building a pleasure. The kit features interlocking construction, top quality balsa and plywood parts, pre-shaped and notched wing leading and trailing edges and aluminum main gear. A molded ABS cowl and wheel pants, plus molded clear plastic windshield and side windows, add sharp detailed looks to this outstanding performer. Add sharp savings to the package, with the Super Decathlon 40/O.S. FS-70 Surpass combo!

Stock #	Description Retail	Now
TZ2107	Super Decathlon 40/O.S70	
	Surpass Combo SAVE \$10.00!\$459.90	\$284.98
TC1040	Great Planes Super Decathlon 40 109 95	74.99

### GREATPLANES

### SUPER SPORTSTERS

Five great-flying, great-looking planes to choose from!

Great Planes Super Sportsters are top-performing sport planes that help you progress from workshop to stable flight to aerobatic maneuvers in record time. All include tricycle and taildragger gear, motor mount, extensive hardware, plans, and photo-illustrated instructions. The 48" span Super Sportster 20 requires a .19-.25 2-cycle or .30-sized 4-cycle engine. The Super Sportster 40 requires a .35-.45 2-cycle or .40-.60 4-cycle engine, and spans 56". The Super Sportster 60 spans 61" requires a .45-.61 2-cycle or .60-.90 4-cycle engine. Spanning 72", the large-scale Super Sportster 90-120 needs a .61-.91 2-cycle or .90-1.20 4-cycle engine. The Sportster Bipe 40 has a wingspan of 45", and requires a .35-.45 2-cycle or .60 4-cycle engine. All require a

	requires a .3545 2-cycle or .60 4-cycle eng			
4-channel				
Stock #	Description	Retail	Now	
TC1041	Great Planes Super Sportster 20	\$69.95	\$51.99	
TC1042	Great Planes Super Sportster 40	89.95	64.99	
TC1043	Great Planes Super Sportster 60	109.95	79.99	
TC1044	Great Planes Super Sportster 90/120	139.95	99.99	
TC1060	Great Planes Sportster Rine 40	109 95	81.99	



### Cost-Cutting Combos Save You More!

cost-cutting controls save rou	More	
Description	Save	Now
Super Sprtstr 20/O.S25 SF Combo	\$5.00	\$134.98
Super Sprtstr 40/O.S40 SF Combo	5.00	192.98
Super Sprtstr 90/120/O.S. FS120.	10.00	439.98
Sportster Bipe 40/O.S40 SF Combo	10.00	204.98
	Description Super Sprtstr 20/O.S25 SF Combo Super Sprtstr 40/O.S40 SF Combo Super Sprtstr 90/120/O.S. FS120 .	Super Sprtstr 20/O.S25 SF Combo         \$5.00           Super Sprtstr 40/O.S40 SF Combo         5.00           Super Sprtstr 90/120/O.S. FS120         10.00

### GREATPLANES

### TRAINER SERIES

### • Easy assembly and superior flying characteristics.



Great Planes Trainers are easy to build, fun to fly, and perfect for both beginners and pros.

Semi-symmetrical airfoils mean you can perform inverted flight, loops, and other aerobatic maneuvers once you get the feel for the controls. The design also provides good wind penetration, without the ballooning effect common with flatbottomed airfoils. Premium-quality balsa parts, detailed, photo-illustrated instructions, an extensive hardware package, and sturdy landing gear

are included. Wings can be attached with nylon wingbolts (included) or with rubber bands. Each requires an engine and a 4-channel radio. Trainer combos are available with perfectly-matched O.S. engines at special prices.

Trainer Sixty	Trainer Forty	Trainer Twenty		
Wingspan: 65"	Wingspan: 59"	Wingspan: 52"		
Engine:	Engine:	Engine:		
2-Cycle .4561 or	2-Cycle .2545 or	2-Cycle . 15 25 or		
1. Cucla 60. 90	1-Cuclo 40-60	4-Cuclo 21, 30		

### Cost-Cutting Combos Save You More!

Stock#	Description	Retail	Now	Stock#	Description	Save Now
TC1030	Great Planes Trainer Twenty	\$69.95	\$49.99	TZ2104	Trainer 20/O.S25 SF Combo	\$5.00 \$132.98
	Great Planes Trainer Forty					6.00 189.98
					Trainer 60/O.S50FSR Combo	5.00 219.98
6					wer Hobbies Is Open For Business 3	

GREAT PLANES WILTERA SPORT 40

### **Airplane Kits**



With the Great Planes Ultra Sport 40 and new Ultra Sport 60, your flying skills will expand faster than ever before.

Sophisticated design features — correct wing and power loadings, correct moments and symmetrical airfoils for smooth wind penetration will enable you to perform the most advanced maneuvers with startling precision, and still enjoy very stable, low speed landings.

Kit quality matches performance in excellence, featuring aircraftquality wood and an interlocking parts design for accurate alignment. Extensive hardware, computer-generated rolled plans and photo-illustrated instructions are also included.

The 55" Ultra Sport 40 requires a 2-cycle .40-.45 or 4-cycle .60-.70 engine; the 62" span Ultra Sport 60 requires a 2-cycle .60-.65 or 4-cycle .65-.71 engine. Both require a 4-5 channel radio.

Stock#	Description Retail Now
TZ2116	Ultra Sport 40/O.S46 SF
TC1054	Great Planes Ultra Sport 40 109.95 74.99
TZ2117	Ultra Sport 60/O.S. 91 Surpass
TC1055	Great Planes Ultra Sport 60 124.95 87.99

Add WWII excitement to your favorite sport maneuvers. Requires: .40-.46 2-cycle, Radio: 4- or 5-channel

Now sport fliers can enjoy the authentic thrills of flying a World War II fighter plane. The new Great Planes P-51D Mustang combines the full aerobatic potential of a sport flier with the realistic scale looks of a famous military fighter. Based on the proven airfoil of the Ultra Sport 40, the P-51D offers the same correct wing and power loadings for great low-speed stability and smooth landings.

Unlike precision scale models, the P-51D looks great without being highly complex. It features gun turrets, exhaust stacks and optional retractable landing gear. It also includes a detailed, computer-generated instruction book, and Great Planes quality interlocking construction.

Stock #TC1038 • Retail Price \$109.95 • Now Only \$74.99



Displaying smooth and stable flight characteristics, the 59" span ElectriCUB lets you make a quick transition to electric power. This balsa and plywood kit offers slow-speed takeoffs and landings. The Standard version comes with motor mount, landing gear, special hardware, and requires a switch harness and an 05 electric motor. The Deluxe kit adds a Thrustmaster 550 motor package to the Standard's features. Both require a 2-3 channel radio, 6-cell battery w/Kyosho connector, and charger. Ultimate Combo includes a 2-channel radio, battery, charger, Astroflight's "The Quiet Revolution" book, wheels, Dura-Collars, seating tape, foam rubber, Black Baron film, and 12 "AA"

my tape, loan ruoder, black baron lilli, and 12 AA balleries.				Stock#		
	Stock#	Description	Retail		TZ2112	Big Stik 20/
ı	TZ2217*	* ElectriCUB Dlx Ultimate Combo	\$303.23	\$199.99	TC1033	Great Planes
	TZ2115	ElectriCUB Deluxe/6C Sprint Batt/		SECOND SEC	TZ2113	Big Stik 40/
	Control of the	Multi-Charger II Combo .SAVE \$4.00!	164.85	117.97	TC1034	Great Planes
	TC1036	Great Planes ElectiCUB-Standard	59.95	43.99	TZ2114	Big Stik 60/
ı	TC1037	Great Planes ElectriCUB-Deluxe			TC1035	Great Planes
	Call Toll-	Free: Orders Only 1-800-637-4989	-Order	Assistan	ce 1-800-	637-6050



Wingspan: 531/4" Radio: 4-Channel Engine: 2-Cycle . 19-.28 or

Wingspan: 59" Radio: 4-Channel Engine: 2-Cycle .35-.46 or 4-Cycle .25-.40 4-Cycle .46-.60

Wingspan: 671/2" Radio: 4-Channel Engine: 2-Cycle .50-.61 or 4-Cycle .80-1.20

Intermediate sport fliers will enjoy quality, ease of assembly, and superior flight characteristics with Great Planes Big Stiks. Each kit features notched, interlocking die and machine-cut balsa and plywood parts that fall together for fast and accurate construction. All Great Planes kits include a top-notch hardware package, and the Big Stiks include additional hardware to build in either a tricycle or taildragger configuration. Each combo offers you added savings with a Big Stik plane plus a perfectly-matched O.S. engine.

Stock#	Description	Retail	Now	
TZ2112	Big Stik 20/O.S25 SF .SAVE \$5.00!	\$212.90	\$132.98	
TC1033	Great Planes Big Stik 20			
TZ2113	Big Stik 40/O.S40 SF .SAVE \$8.00!			
TC1034	Great Planes Big Stik 40	84.95	59.99	
TZ2114	Big Stik 60/O.S61 SF .SAVE \$15.00!	414.90	249.98	
TC1035	Great Planes Big Stik 60	104.95	74.99	

Seamaster 40



#### **ACE SEAMASTER 40 & 120**

Predictable flight characterizes the popular Ace Seamaster 40. Its high-wing lift will give you steady flight on 59½" wings. A

pylon-mounted engine, T-tail stabilizer, and top-quality die-cut balsa and plywood parts are featured. Required is a 2-cycle .40-.45 or 4-cycle .60 engine. The 85½" span Seamaster 120 features the same construction and accepts a 2-cycle .91- ST2500 or 4-cycle 1.20- 1.60 engine. Both require a 4-channel radio. Buy the combos and s

Stock # TZ2118	Description Seamaster 40/O.S. 40 SF	Retail	Now \$102.08
TC1002 -	Ace Seamaster 40	99.95	69.99
TZ2119 TC1003	Seamaster 120/Sup. S.T. S2500SAVE \$13.00! Ace Seamaster 120	<b>539.90</b> 199.95	329.98 132.99

### **GREAT PLANES ELECTROSTREAK**

Great Electric Fun!

The 44" span ElectroStreak offers speed and aerobatic performance never thought possible from electrics. Includes famous Great Planes quality

balsa construction and the Goldfire motor, matched to a 7 X 6 nylon prop. Required are a 4-channel radio with 3 micro servos, speed control or auto cut-off, 225 mAh radio battery, 7-cell battery, and charger. Save on required items with the Electro-Streak combo!

Description Retail ElectroStreak/7 C Batt/Mlti Chrg ...SAVE \$4.00! \$172.85 Stock # \$119.97 TC1053 Great Planes ElectroStreak w/Motor 79.95 56.99



Top scale looks and snappy aerobatics make the 60" span all-balsa Cherokee 40 a sure winner. Requires a 4-5 channel radio and .35-.40 engine. For more, see our '91 Catalog, page 15.

Retail \$109.95 Now TC1039 T72121

Only \$74.99 SAVE \$8.00! Now Only \$199.98

### **GREAT PLANES CAP 21** 40 & 60

These realistic, all-balsa stun-ters are super-maneuverable! The 60" span .40 requires a .40 .45 size engine. The .60 size takes a 2-cycle .60 or 4-cycle .90 engine, and spans 72". Both require 4-channel radios. See '91 catalog, page 13.

.40 Size	Retail\$109.95
TC1045	Now Only \$79.99
.60 Size	Retail\$179.95
TC1046	Now Only\$129.99

U.S. AIRCORE COROSTAR 40 Corostar .40 & .40 FAMILY TRAINER CoroStar 40 .40 Family Trainer

U.S. AirCore CoroStar 40 and .40 Family Trainer literally bounce back from crashes! Tough, light, and 100% fuelproof, ultra-resilient AirCore™ corrugated polypropylene material comes precision die-cut and scored for fast, easy "Fold & Fly" assembly. Unique Power Cartridge for on-board gear slides into nose in minutes, so same gear can be used in several models. 56" span CoroStar 40 low-wing performs stunning aerobatics; beginner's 64" span AirCore 40 Family comes pre-decorated, and offers stable flight, high-lift wing, and two unique manufacturer guarantees. Both require 4-channel radio and a .40-.45 2-cycle or .50 4-cycle engine. For more on the CoroStar 40, see page 124 of our '91 Catalog!

	7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7			
tock #	Description	Retail	Now	
Z2124	CoroStar 40/O.S40 SF Combo SAVE \$11.00!	\$299.90	\$179.98	
C1108	U.S. Aircore CoroStar 40	89.95	57.99	
C1100	11 S. Aircora 40 Family Trainer	110 05	70 00	

### **GREAT PLANES SUPER AEROMASTER**



Aerobatic balsa bipe offers choice of 3 wing configurations. Requires 2-cycle .45-.61 or 4-cycle .90-1.2 engine and 4channel radio. See '91 Catalog reference page 13.

Retail \$134.95 Now \$99.99 TC1059



The 65" span Tiporare is a contestwinning pattern plane with an epoxy-glass fuselage and balsa wing. Requires a .60-size engine and 4-5 channel radio. See catalog, page 106.

Retail \$219.95 Now TC1057 Only

### **PICA P-51D MUSTANG**

- Flown for a record 31 kills in WWII.
- A premium quality kit with full-size plans and extensive hardware.



With a record 31 kills, the "Cripes A' Mighty III" P-51D was one of WWII's most feared warbirds. Now, you can recreate it in 1/5 scale with Pica's all-wood, 89" span kit. Designed for intermediate and advanced pilots, this kit comes complete with preformed canopy, air scoop and ABS cowl, full-size plans, instructions with extensive isometrics, pre-formed steel landing gear and authentic, pressure-sensitive mylar decals. Requires a 4-channel radio and a 1.08-1.5 2-cycle engine.

TO

Stock# TC1076 • Retail Price \$319.95

Now Only \$209.99

### **CONCEPT FLEET 1930'S** FLEET BIPLANES

Many parts scaled down from full-size plans!

Components scaled-down from the

original, plus precision bandsawn balsa, spruce and plywood parts give these fully-aerobatic 30's biplanes their handsome scale-like looks. Features include: pre-bent cabane and landing gear; extensive hardware; full-sized, rolled plans; and photo instructions. The 84" span 1/4 scale version requires a Quadra-sized engine; the 56" span 1/6 scale version requires the geared Astro 40 Cobalt motor (plus charger and three 6-cell battery) or a .40-size 4cycle engine. Both kits require a 4-channel radio.

Stock # TC1009 Description
Concept Models 1/4 Scale Fleet Biplane-Quadra... \$197.95 \$179.99 Concept Models 1/6 Scale Elect. Fleet Biplane .. NEW!. 99.95 89.99

### DAVEY SYSTEMS FLY BABY COMPLETE

This 32 oz., all-wood, 40" span electric includes an .075 motor, switch harness, fuse, and prop. Requires a 3-4 channel radio, battery, and charger.

Now \$34.99 TC1015 Combo 6C/M. Chgr II SAVE \$4.00! Now Only \$76.97 TZ2120



This magnificent WWI scale model features hardware, cowl, authentic decals and shaped/die-cut balsa, hardwood, and plywood parts. 64½ " wingspan. Requires a .56-.70 engine and a 4-channel radio.

Retail \$149.95 Only \$84.99 TC1087

### **FLYLINE MODELS GREAT LAKES TRAINER**

Strong, light-weight balsa and spruce construction give this 1/8 scale, 40" span trainer a inished weight of only 23/4 pounds. Offers great

performance with a .15-25 size engine and a 4-channel radio. Both are required.

Retail \$46.95 Now \$34.99 TC1023

### DYNAFLITE FUN SCALE CORSAIR .40

The Navy's famous gullwing fighter of WWII flies

again! This 52"-span kit features allwood construction and extensive hardware. Flying weight is just 5½ lbs.! Requires .40-.50 2-cycle engine and 4-channel radio. See '91 Catalog, page 100, for more.

Retail \$99.95 TC1020

Now \$59.99





Goldberg is dedicated to quality in all phases of kit production. The 56" span Falcon 56 MKII comes with ailerons and requires a .19.40 engine and 3- or 4-channel radio. The gentle, 50" span Eaglet requires an .09.25 engine and a 2, 3, or 4-channel radio. The 54" span Mirage 550 lets beginners fly with electric power. It 4-channel radio. The 54" span **Mirage** 550 lets beginners tly with electric power. It requires a 2-3 channel radio, battery, and charger. The **Freedom 20** is a 55½2" span sport/trainer that's easy to build and fly. It requires a .20-.25 2-cycle or .20-.26 4-cycle engine and a 4-channel radio. The stable, 63" span **Eagle 2** takes a .29-.45 engine and a 3-4 channel radio. The **Senior Falcon** trainer spans 69" and requires a 4-channel radio and .35-.60 engine. The **Jr. Tiger** spans 50" and requires a .15-.30 engine and 4-channel radio. The 63" span **Sky Tiger** and 64" span **Super Chipmunk** are ideal first low wing sport planes. The Sky Tiger takes a .40-.61 engine

and requires a 4-channel radio. Super Chipmunk requires a 2-cycle .45-.60 or 4-cycle 60.90 engine and a 4-6 channel radio. Low-speed landings and thrilling aerobatics meet in the 54" span **Ultimate Biplane**, which requires a .60 2-cycle or .90-1.2 4 cycle engine and a 4-channel radio. With a 76½" span, the **Piper J-3 Cub** has a wide range of performance possibilities. Required are a 2-cycle .40-.61 or 4-cycle .40-. .90 engine and a 4-channel radio. An optional **float kit** is also available for the J-3 Cub. The 78" span **Electra Deluxe** comes with 550 motor, prop, switch harness, and spinner. A 2-3 channel radio, 6-cell battery with Tamiya connector, and charger are required.

#### FREE BULLET GLUE w/ANY KIT FROM THIS PAGE!

Stock #	Description	Retail	Now	Stock #	Description	Retail	Now
TC2295	Goldberg Falcon 56 Mark II		\$49.99	TZ2129	Skytiger/O.S46SF ComboSAVE \$8.00!	\$324.94	\$189.98
TC2297	Goldberg Eaglet 50	59.99	32.99	TC2303	Goldberg Skytiger		59.99
TZ2126	Eaglet 50/O.S20FPSAVE \$5.00!		87.98	TC2306	Goldberg Super Chipmunk	139.99	74.99
TZ2127	Mirage 550/6C Batt/Multi-Chgr IISAVE \$5.00!		89.97	TZ2130	Piper Cub/Floats ComboSAVE \$3.00!	159.98	84.98
TC2298	Goldberg Electric Mirage 550		48.99	TC2304	Goldberg Piper Cub-Anniversary Edition	99.99	54.99
TZ2132	Electra DLX/6C Batt/Adpt/Multi-Chgr II		87.36	TC2305	Float Kit for Anniversary J-3 Cub	59.99	32.99
TC2300	Goldberg Eagle 2		47.99	TC2308	Goldberg Electra Deluxe Kit	79.99	42.99
TC2301	Goldbreg Senoir FalconReduced \$5.00!		69.99	TC2307	Goldberg Ultimate Bi-Plane	199.99	117.99
TZ2128	Jr Tiger/O.S25SF ComboSAVE \$8.00!		119.98	TZ2131	Ult Bi-Plane/O.S.120 Surpass SAVE \$18.00!	729.94	449.98
TC2302	Goldberg Junoir Tiger	69.99	39.99	TC2299	Goldberg Freedom 20		34.99

### DYNAFLITE **FUN SCALE MUSTANGS**

These realistic, all-balsa planes are very maneuverable, yet land like trainers. Construction features include slab-sided fuse and unique, open framework wing that builds

flat and eliminates dihedral braces and wing sheeting. The .40 size requires a .30 · .40 size engine and a 4-channel radio and spans 51". The .60 size spans 62" and requires a .60-size engine and 4-channel radio. Save on the engine and kit with the .60 combo! See '91 Catalog, page 100, for accessories.

Stock #	Description	Retail	Now
TC1018	Dynaflite Fun Scale Mustang .40	\$79.95	\$43.99
TZ2125	Fun Scale Mustang 60/Super Tiger S61K		
	Engine Combo	316.90	179.98
TC1019	Dynaflite Fun Scale Mustang .60	106.95	57.99

### **DAVEY SYSTEMS** R/C SPECIAL

The 61" R/C Special lives up to its name, with a specially-desiged semi- symmetrical airfoil that combines stable flying with a broad range of aerobatic maneuvers. Solidly-built of die-cut balsa,

spruce, and plywood parts, this agile intermediate's craft also features aluminum fixed gear, hardware package, ABS cowl, and windshield. Photo instructions and full-size, rolled plans included. Requires a 4-5 channel radio, plus a .45-.50 2-cycle or .46-60 4-cycle engine, or a 40-60 size motor, 6-cell SCR battery, and charger

FREE BULLET GLUE w/ANY KIT

FROM THIS PAGE!

Now Only \$59.99 Stock# TC1012 . Retail Price \$99.95

FREE BULLET GLUE w/ANY KIT DYNAFLITE FUN SCALE FROM THIS PAGE! **SPITFIRE 40** 

Be mission-ready to refight the Battle of Britain in just days, with this handsome, fun-scale recreation of the classic Supermarine Spitfire. Extensive hardware and quality, allwood construction gives this lean,

mean, fighting machine an all-up weight of just under 5 lbs.; bubble canopy, authentic decals, and realistic proportions give it the dynamic looks and performance of the original. Requires a .30-.45 2-cycle engine and a 4-channel radio.

Now Only \$59.99 Stock# TC1021 Retail Price \$99.95

### **OHIO SUPERSTAR SPORTABATICS**

Perform knife edge climbs

Lightweight Sportabatics will fly any

Sportabatic requires a .90-1.08 2-cycle or 1.20 4-cycle engine; the 92" handle an ST2000.3000 or 0.5 BGX1. Both require a 4-channel radio

nanule an	512000-3000 of O.S. BOX-1. Boin require a 4-chann	el radio.		
Stock #	Description	Retail	Now	
TC1064	Ohio SuperStar Sportabatic-84"	\$179.95	\$157.99	
TC1065	Ohio SuperStar Sportabatic-92"	189.95	167.99	

NEW

FREE BULLET GLUE

Recieve a

FREE

1 oz. bottle of

**CA Bullet** 

Glue with any kit purchased

from pages

5-11



### TOP FLITE ELDER 20 & 40

Recapture the romance of the barnstorming era with these WWI-vintage craft! Precision die-cut balsa and ply parts fall together for true, "wind-in-the-wires" realism; add

your choice of British, French, or German markings for authentic detailing. The 53¾" span. **Elder** requires a .15-30 engine and a 2-4 channel radio. **Elder 40** spans 65", and requires either a 2-cycle .35-.45 or 4-cycle .40-.49 engine and a 4-channel radio. Refer to page 123 in our Catalog for accessories.

Stock #	Description	Retail	Now
TC1089	Top Flite Elder .1530	\$62.95	\$35.99
TC1090	Top Flite Elder 40 .3545	97.95	59.99



Ace Bingo! offers choice of 70" or " wingspans. Includes top-quality wood parts, ABS sections and extensive hardware. Requires a .40-.60 2-cycle or .48-.90 4-cycle and 4-channel radio. See page 90, '91 Tower Catalog, for more.

Retail \$89.95 TC1004

Now \$63.99

### TOP FLITE F4-U CORSAIR

Elder



Build WWII's gull-wing warbird fast and easy with this 61" span, all-balsa kit. Includes canopy, landing gear, cowl, fuel-proof markings and more. Required are a 4-6 channel radio and .60 engine. See Catalog, page 124.

Retail \$158.95 Now Only \$102.99 TC1099

### Ben Buckle Kits **AIRPLANES**



Ben Buckle kits are stable and predictable in flight. All feature hand-cut balsa parts and excellent craftsmanship

balsa parts and excellent craftsmanship throughout. Most kits are eligible for S.A.M. competition.

Designed in 1927, the "pocket-size" 48" span **Diamond Demon** requires a 2-3 channel radio, and a diesel engine up to 1.5cc, or a .05-.09 glow engine. The 1/6 scale **Fokker D VIII** is modeled after the German WWI classic. This 57" span kit requires a 2-cycle .19 or 4-cycle .30 engine and 4-channel radio. Spanning 6', the **Great News** features an inverted engine design. Requires a 2-cycle.30 or 4-cycle .40 engine and a 3-channel radio. **Majestic Major** is a stable 88" span trainer. Requires a 2-cycle 19-.25 or 4-cycle .40 engine and a 3-channel radio. Ben Buckle's 80" span **Playboy Senior** requires a 4-cycle .40 engine and a 3-channel radio.

Stock #	Description	Retail	Now
TZ2135	Fokker D VIII/O.S20 FP Engine SAVE \$5.00!	187.90	\$133.98
TC3123	Ben Buckle Fokker D VIII	104.95	78.99
TC3122	Ben Buckle Diamond Demon	54.95	41.99
TC3124	Ben Buckle Great News	109.95	82.99
TC3125	Ben Buckle Majestic Major	149.95	114.99
TC3126	Ben Buckle Playboy Senior	99.95	74.99

### AIRTRONICS ECLIPSE DELUXE

78" span Eclipse gear-drive electric sailplane includes an 05 motor. gearbox and propeller. Requires a 3channel radio, 7-cell 800 mAh battery

w/Tamiya connector, and charger. See '91

Retail \$99.95 TC1977

Catalog, page 91.

Now \$64.99

Comb.7C/900 AC/DC/Air. VG4R FM TZ2134\*\* Now Only \$225.96

### TOP FLITE CONTENDER 60

Retire your trainer and trade up to flying excitement of these sport-scale kits. Built as either

sport-scale kits. Built as either a bent- or straight-wing craft, the 47" span **Contender 40** offers 500 sq. in. of wing area and a flying weight of just 4½ lbs. Required is a .40 engine. Like the Contender 40, the 54" span **Contender 60** is virtually stall-proof. Requires a 40-.60 engine. Both also require a 4-5 channel radio. Accessory guide on page 123 of our '91 Catalog.

Stock# TC1096 •

Retail Price \$107.95 • Now Only \$64.99

### LANIER STINGER



Giant-scale 84" span Stinger features "no-joint" ply fuse, ABS turtle-deck, fully-symmetrical foam wing, full-length ailerons, plus cowl, landing gear, and wheel pants. Requires hardware, 4-channel radio, and a 1.2-4.2 cu. in. engine.

Retail \$299.95 Now \$159.99 TC1063

### PICA SPITFIRE & 1/5 **SCALE SPITFIRE**

The 65" Spitfire MK.9 Standard Kit includes machined and die-cut balsa, 2 full-sized plans and accurate full-color decals. Requires a .40-

.60 2-cycle or 4-cycle .90 engine. The **1/5** scale all-balsa Spitfire spans 87" and requires a 2-cycle .90-1.2 or 4-cycle 1.2-1.6 engine. Both require 4-6 channel radios. See Catalog, page 112, for Accessory guide.

Stock # TZ2137	Description 1/5 Spitfire/SuperTigre S2500 Combo	Retail	Now
TC1067 TZ2136 TC1066	SAVE \$15.00! \$6  Pica 1/5 Scale Spitfire MK9  Spitfire/O.S61SF Combo	529.90 289.95 164.90 154.95	\$364.98 169.99 279.98 99.99

PICA WACOS • Aviation's Golden Age lives again!

The 60" span **Waco** requires a 4-6 channel radio and .40-.60 engine. The 72" span 1/5 **Scale Waco** takes a .60-1.2 engine and a 4-channel radio. Features include full-size plans, diecut/machined balsa and plywood parts, extensive hardware, pre-bent landing gear and cabane wire, and mylar decals. For more, see '91 Catalog, page 111.

Stock #	Description	Retail	Now
TZ2138	Waco 1/5/O.S. 1.08FSRSAVE \$20.00!	\$664.90	\$389.98
TC1072	Pica 1/5 Waco YMF-3	264.95	159.99
TC1071	Pica Waco YMF-3	174.95	109.99

### **DAVEY SYSTEMS PIPER** SUPER CRUISER



85" span intermediate's kit features onepiece wing, die-cut parts, and much more. Requires a .60 2-cycle or .90-1.2 4-cycle engine (or .40 electric motor, battery and charger), plus a 4-channel radio.

Retail \$179.95 Now \$117.99

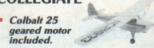
### **DAVEY SYSTEMS GREAT LAKES SPECIAL**



52" span, all-wood bipe builds easily into an agile, aerobatic stunter. Requires a .45-.60 2-cycle or .60-.90 4-cycle engine, plus 4 or more channels of radio control. See page 97, '91 Catalog.

Retail \$134.95 Now Only \$84.99 TC1014

### **ASTROFLIGHT PORTERFIELD** COLLEGIATE



This nostalgic, 69" span, all-balsa sport flier includes a wooden prop and a Cobalt 25 geared motor. Requires a 4-channel radio, two 7-cell packs, and charger.

Retail \$249.95 Now \$179.99

# ACE WHIZARD



Docile, 403/4" span trainer/sport plane has a balsa fuse, foam wing with built-in dihedral, and formed landing gear. Requires a .049-.051 engine and a 2-3

channel radio Retail \$32.95 Only \$22.99 TC1001 SAVE \$3.00! Combo w/Cox .049

Now Only \$35.98

TZ2133

### TOP FLITE HEADMASTER SPORT 40

Fly the trainer that set the standard for the R/C industry!

Designed by Ken Willard, the Top Flite Headmaster Sport 40 is a classic trainer easy to build, stable and forgiving to fly, and easy to bring in for slow speed landings. Die-cut balsa parts add lightweight strength;

generous hardware, instructions, and full-size rolled plans simplify and speed assembly. Add a .40-.60 engine and a 4-channel radio, and you've got the ideal craft for Sunday flying and beginniner's aerobatics!

Stock# TC1100

Retail Price \$101.95

Now Only \$59.99

### TOP FLITE P-47D **THUNDERBOLT**

Stand-off scale fighter blends scale looks and top performance.

Quick as lightning, this 60"

P-47D Thunderbolt is off the workbench and in the air with stunning performance and amazing scale looks. Die-cut balsa and ply parts simplify assembly and add lightweight strength. Full-color, fuel-proof decals, ABS cowl, and clear canopy enhance this fighter's already authentic looks. Required are a 2-cycle. 60-.75 or .60-.90 engine and a 4-6 channel radio. See '91 Catalog, page 124, for accessories.

Stock# TC1098 • Retail Price \$166.95 • Now Only \$107.99

### **Propellers**



#### Wood Prop

The Master Airscrew Wood Series Propellers are made of select, kiln-dried beechwood, and feature high-visibility safety tips. Sizes range from 9" to 18", with a wide range of pitches.

Glass-Filled Nylon injection-molded props are accurately balanced and pitched, and offer the efficiency of wood with the durability of nylon. A

Stock #	Description	Retail	Now
TC2030	9x4 Wood Prop	\$1.95	\$1.46
TC2031	9x5 Wood Prop	1.95	1.46
TM2101	* 12 9x6 Wood	23.40	15.99
TC2032	9x6 Wood Prop	1.95	1.46
TC2033	9x8 Wood Prop	1.95	1.46
TC2034	10x5 Wood Prop'	2.25	1.68
TM2102	* 12 10x6 Wood	27.00	17.99
TC2035	10x6 Wood Prop	2.25	1.68
TM2103	* 12 10x7 Wood	27.00	17.99
TC2036	10x7 Wood Prop	2.25	1.68
TC2037	10x8 Wood-Prop	2.25	1.68
TC2038	11x6 Wood Prop	2.55	1.90
TC2039	11x7 Wood Prop	2.55	1.90
TC2040	11x8 Wood Prop	2.55	1.90
TC2041	11x10 Wood Prop	2.55	1.90
TC2042	12x6 Wood Prop	3.25	2.43

#### Nylon Prop

Folding Propeller is available for electric systems The undercambered blades are made from black glass-filled nylon. The **Self-Feathering Prop** self-adjusts so the blade chords stay parallel to the line of flight. It's ideal for electrics. Also available are **4**-Cycle Propellers in the sizes you need.

Stock #	Description	Retail	Now
TC2043	12x8 Wood Prop	\$3.25	\$2.43
TC2044	12x9 Wood Prop	3.25	2.43
TC2045	13x6 Wood Prop	3.95	2.96
TC2046	14x6 Wood Prop	5.25	3.94
TC2047	14x8 Wood Prop	5.25	3.94
TC2048	16x6 Wood Prop	8.95	6.71
TC2049	16x8 Wood Prop	8.95	6.71
TC2050	16x10 Wood Prop	8.95	6.71
TC2051	18x10 Wood Prop	13.95	10.46
TC2052	6x3 Nylon Prop (2)	1.98	1.49
TC2053	6x4 Nylon Prop (2)	1.98	1.49
TC2054	7x4 Nylon Prop	1.25	.94
TC2055	8x4 Nylon Prop	1.35	.99
TC2056	8x6 Nylon Prop	1.35	.99
TC2057	9x4 Nylon Prop	1.55	1.16
TC2058	9x5 Nylon Prop	1.55	1.16
TM2104		18.60	12.99
TC2059	9x6 Nylon Prop	1.55	1.16
TC2060	9x8 Nylon Prop	1.55	1.16
	CONTRACTOR OF STREET		

### Self-Feathering

Prop

Stock #	Description	Retail	Now
TC2061	10x6 Nylon Prop	\$1.75	\$1.31
TM2105	* 12 10x6 Nylon	21.00	13.99
TC2062	10x7 Nylon Prop	1.75	1.31
TM2106		21.00	13.99
	* 12 10x7 Nylon		
TC2063	10x8 Nylon Prop	1.75	1.31
TC2064	11x6 Nylon Prop	1.95	1.46
TC2065	11x7 Nylon Prop	1.95	1.46
TC2066	11x7.5 Nylon Prop	1.95	1.46
TC2067	11x9 Nylon Prop	1.95	1.46
TC2068	12x6 Nylon Prop	2.85	2.13
TC2069	12x8 Nylon Prop	2.85	2.13
TC2070	13x6 Nylon 4-Cycle	3.85	2.89
TC2071	14x6 Nylon 4-Cycle	4.95	3.71
TC2072	14x8 Nylon 4-Cycle	4.95	3.71
TC2073	15x8 Nylon 4-Cycle	5.95	4.46
TC2074	16x6 Nylon 4-Cycle	5.65	4.23
TC2075	16x8 Nylon 4-Cycle	6.65	4.99
TC2076	10x6 Pusher Prop	1.99	1.49
TC2077	12x8 Electric Folding	8.95	6.71
TC2080	8" Self-Feathering	14.95	11.21
TC2078	12x6 Antique Prop	3.69	2.76
TC2079		4.35	3.26
102019	13x6 Antique Prop	4.33	3.20

#### **ZINGER WOOD PROPELLERS**

Test-proven for high RPM, and balanced twice before shipping, Zinger wood props offer modellers top-quality value and performance. All

Zinger props have true pitch with airfoil cross section all the way to the tip of the blade. Zinger props are available in a wide range of sizes and pitches, designed and engineered for maximum thrust and efficiency in any flying application. For additional listings, see page 277 of our '91 Tower Catalog.

Stock #	Description Retail	Now	Stock #	Description Retail	Now
TC2698	10x6 Prop\$2.15	\$1.69	TC2703	18x8 Prop\$15.65	\$11.99
TC2699	10x7 Prop2.15	1.69		18x10 Prop15.65	11.99
TC2700	12x6 Prop3.15	2.49	TC2705	18x12 Prop19.70	14.99
TC2701	14x6-10 Prop5.10	3.99	TC2706	20x8-14 Prop18.05	13.99
TC2702	18x6-10 Prop15.65	11.99	TC2707	22x10 Prop20.50	15.99

### **PROPELLERS**

- Thinner, computer-designed blades produce more thrust with less noise.
- Proven performance for Sunday fly-ins or pattern contests.



### **FOX 4-STEP PROP REAMER**

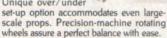
Accurately enlarge propeller holes to the next shaft size without splitting the prop or get-ting the hole off center. Standard four-fluted design fitted with a T-br

iour nated design inted with a roat.			
4 Step	Retail \$8.	9	
TC1917	Now Only \$6.	99	
Metric	Retail \$8.	9	
TC1918	Now Only \$6.	99	

### **DU-BRO TRU-SPIN PROP BALANCER**

Balances props of any size.

Completely adjustable to balance with virtually any size propeller. Unique over/under



Retail \$26.95 TC1916

Now \$18.99

Give your favorite model more sky-grabbin' "bite" with these innovative nylon props. APC propellers feature computer-designed blades with constant true pitch to provide greater thrust with reduced noise. Props are made of injection-molded nylon, reinforced with strands of fiber running the length of the blade; as a result, blades present a thinner profile, yet have superior strength. Available for sport or competition use in sizes from 9" to 14.0". See line listings below.

Stock #	Description	Retail	Now	Stock #	Description	Retail	Now	
TC2677	8x4 Sport Prop	\$1.79	\$1.59	TC2688	11x9 Sport Prop	\$2.49	\$2.19	
TC2678	9x5 Sport Prop	1.99	1.79	TC2689	11x10 Pattern Prop	7.95	6.99	
TC2679	9x6 Sport Prop	1.99	1.79	TC2690	11x11 Pattern Prop	7.95	6.99	
TC2680	9x7 Sport Prop	1.99	1.79	TC2691	11x12 Pattern Prop	7.95	6.99	
TC2681	9x8 Sport Prop	1.99	1.79	TC2692	12x6 Sport Prop	2.89	2.49	
TC2682	10x6 Sport Prop	2.29	1.99	TC2693	12x8 Sport Prop	2.89	2.49	
TC2683	10x7 Sport Prop	2.29	1.99	TC2694	12x11 Pattern Prop	7.95	6.99	
TC2684	10x8 Sport Prop	2.29	1.99	TC2695	12x9W Pattern Prop	7.95	6.99	
TC2685	11x6 Sport Prop	2.49	2.19	TC2696	12x11 Pattern Prop	7.95	6.99	
TC2686	11x7 Sport Prop	2.49	2.19	TC2697	12.5x12 Pattern Prop	7.95	6.99	
TC2687	11v8 Sport Prop	2 49	2.19		STATE OF THE PARTY			



### Cherokee-25

Wingspan: 52" Wing area: 456.7 sq. in. Weight: 3.75 - 4.25 lbs. Requires: Engine: 2-cycle .25-.40 or 4-cycle .40-.46 Radio: 4-channel



### Cessna-182

Wingspan: 611/2" Wing area: 615 sq.in. Weight: 6.5-7.5 lbs. Requires: Engine: 2-cvcle .40-.46 or 4-cycle .60 Radio: 4-channel



Spend less time building, more time flying with Hobbico ASAPs. No building, sanding, or painting is needed: assembly is fast, fun, and easy! ASAPs' balsa/ply structure is already covered with a brilliant, durable 3-layered covering. Complete instructions, plus spinner, fuel tank, wheels, push rods, and hardware are included.

In just hours you can complete the aerobatic Cherokee 25 or easy-flying Cessna 182 with wheel pants--both perfect for intermediate fliers. Experienced pilots will find FAI-style maneuvers a snap behind the sticks of the Telstar or Super Chipmunk models. The semi-scale Diabolo 40 is also fully aerobatic and includes wheel pants. The Extra 300 recreates the West German design with many impressive details--even simulated rivets! It's an advanced flier's dream.

For an ARF you'll be proud to own and thrilled to fly, choose an ASAP!



Diabolo-40

Wingspan: 553/4"

Wing area: 543 sq.in. Weight: 5.5-6.5 lbs. Requires: Engine: 2-cycle .40-.46 or 4-cycle .60-.70 Radio: 4-channel



#### Telstar-25

Wingspan: 50" Wing area: 443.5 sq. in. Weight: 4.25 - 4.75 lbs. Requires: Engine: 2-cycle .25-.40 or 4-cycle .40

### Telstar-40



Wingspan: 58.4" Wing area: 593.6 sq.in. Weight: 5.25-5.75 lbs. Requires: Engine: 2-cycle .40-.46 or 4-cycle .60 Radio: 4-5 channel



#### Super Chipmunk-25 Super Chipmunk-40

Wingspan: 511/2" Wing area: 425 sq.in. Weight: 4.25-4.75 lbs. Requires: Engine: 2-cycle .25-.40

or 4-cycle .40-.48 Radio: 4-channel

Wingspan: 59"

Requires:

Wing area: 573 sq.in.

Engine: 2-cvcle .40-.46

Weight: 51/2-6 lbs.

or 4-cycle .70-.91

Radio: 4-5 channel

Stock # Description Retail TZ2139 Super Chipmunk 25/O.S..25 SF \$302.90 \$199.98 TC3137 Super Chipmunk 25 . . . . . . . 159.95 119.99 TZ2143 Super Chipmunk 40/O.S..40 SF 439.90 299.98 TC3141 Super Chipmunk 40 . . . . . . . 229.95 179.99 TZ2140 Telstar 25/O.S..25 SF Combo . 302.90 TC3138 Telstar 25. 119.99 TZ2146 Extra 300/O.S..46 SF Combo . , 484.90 TC3144 Extra 300 . . . . . . . . . . . . . . . . . 259.95 199,99 TZ2144 Telstar 40/O.S..40 SF Combo . 419.90 279.98 TC3142 Telstar 40 . . 159.99 TZ2141 Cherokee 25/O.S..25 SF Combo 302.90 159.95 119.99 TZ2142 Diabolo 40/O.S..46 SF Combo . 454.90 304.98 TC3140 Diabolo 40 . . . . . . . . . . . . . . . . . 229.95 179.99

419.90 279.98

209.95 159.99



# Cessna Cardinal™

### **Looks Great! Flies Great!**

At 1/9 scale, the 47" span Cessna Cardinal practically flies out of the box with authentic detail. It takes just a few hours to assemble, is virtually impossible to stall, and is lightweight and crash resistant. The wing is easily removed for convenient transport. An easy-access battery hatch allows speedy pack exchanges for almost non-stop flying.

A LeMans Stock 05 motor with matched Kyosho SuperProp gives you power for off-the-ground takeoffs. In the air, the Cardinal provides smooth, stable performance. The aerobatic potential of this graceful model will also satisfy advanced pilots wishing to fly an electric.

Included is linkage hardware, decals, and epoxy. Add an electronic speed control or Kyosho's Auto Cut-Off Relay unit, a 2-3 channel radio, 6-cell Sprint SCR battery and charger, and you're ready for realistic, fun-filled flight.

And with our Cardinal Combos, you can enjoy flying for less. Save with the Standard combo (which includes the kit, an Impulse II 2-channel radio, 6-cell Sprint SCR battery, and Kyosho DC Multi-Charger II)...go all out with the Cardinal Ultimate Combo, which includes everything in

TZ2145 Cessna 182-40/O.S. 40 SF Combo

TC3143 Cessna 182-40 . . . . . . . . . . . . . . .



the Standard combo, plus a Kyosho Auto Cut-off unit, Kyosho Standard Field Bag, and eight "AA" batteries!

Stock # Description Now TZ2225\* Cessna Cardinal Ultimate Combo .\$423.60 \$279.99 TZ2148 Cardinal/6C Sprint Batt/Multi Chrgr II Combo . . . . SAVE \$5.00! 284.85 196.97

ARF Cessna Cardinal Electric . . . . 199.95 TC1150 139.99 Auto Cutoff Relay-Kyosho/Tamiya . . 29.95 TC3207 21.99



# CORP-40E WARRAWK

Curtiss P-40E Warhawk

Wingspan: 61"

Wing area: 605 sq. in.

Weight: 6.25-7 lbs. Requires:

Engine: 2-cycle .46-.61 or 4-cycle .70-.91

Radio: 4- or 5-channel

The Hobbico ASAP line is the ONLY place you'll find a scale ARF of the dramatic Curtiss P-40E Warhawk.

The shark-mouthed P-40 performed heroically on every front during WWII, when General Claire Chennault's daredevil Flying Tigers flew their P-40s with the Chinese air force against Japanese bombers. The Flying Tigers' exploits lifted Allied spirits then, and their aircraft continues to inspire new generations of flying aces...R/C pilots included.

Hobbico's P-40 has been scaled from a full-size Warhawk hangared at Frasca Field in Urbana, IL. Details include airbrush-simulated ribbing and fully-enclosed engine cowling. Advanced fliers will also appreciate the P-40's superb flight performance, from its magnificent low speed characteristics to high-speed passes that send time spinning back 50 years.



to install as fifth channel and add to the model's exciting realism.

Stock# Description Retail Now
TZ2147 P-40E Warhawk/O.S..46 SF/90°
Retracts Combo . ..SAVE \$18.00! \$569.85\$389.97
TC3145 ASAP Curtis P-40E Warhawk . . . . 299.95 239.99
TC3208 Mechanical Retracts 90° Rotating . . . 44.95 29.99



Hobbico's ASAP is scaled after a fullsize P-40 for uncompromising accuracy.



The P-40E ASAP arrives 80% pre-built for fast assembly.



# Hobbico ® Sturdy Birdy ™

With a wing nearly 20% larger than its competitor, it's no wonder that the 53" span **Sturdy Birdy** flies more smoothly. And considering its construction, the reason for its name is obvious. The rugged aluminum tail boom and molded foam wing were designed to take abuse. But, combined with pre-cut tail feathers, they cut assembly time, too.

The Sturdy Birdy takes off from the ground easily or can be handlaunched with a gentle toss. Its self-recovering flying attitude keeps you in control throughout your early flights. Extra-tall landing gear absorbs shocks and prevents prop breakage during landings.

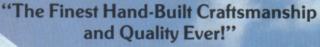
Ailerons on the **Sturdy Birdy II** offer you greater control at only small increase in cost and assembly time. Like the Sturdy Birdy, the Sturdy Birdy II includes extensive hardware and a complete, easy-to-follow instruction sheet.

Dollar for dollar, Sturdy Birdy kits are your best value. Required are a .20-.25 size engine and a 4-channel radio with three servos (four required for Sturdy Birdy II). Get off to a good start in flying (and saving) with Sturdy Birdy Combos!



Stock#	Description	Retail	Now
TZ2149	Sturdy Birdy/O.S25 FP Combo .	\$169.90	\$104.48
TC1141	Hobbico Sturdy Birdy Trainer	. 69.95	49.99
	Sturdy Birdy II/O.S25 FP Combo		114.48
TC1144	Hobbico Sturdy Birdy II (w/Ailerons).	. 79.95	59.99
TC1143	Hobbico Wing Set for Sturdy Birdy	. 17.95	13.99
	Hobbico Wing Set for Sturdy Birdy II.	. 29.95	23.99
1 000	COT COTO		40

# Unbeatable pre-built trainer/sport models!



REDUCED \$10.00!

FLIGHTST: R40

Wingspan: 64" Wing area: 736 sq. in. Fuselage length: Flying Weight: 41/2 lbs. Requires: 2-Cycle .40-.46 Engine **4-Channel Radio** 



Beautifully finished, high quality, prebuilt parts offer speedy assembly and professional results. Hand-crafted, all wood construction provides exceptional durability and damage resistance, vet makes repairs easier.

### The Hobbico AWARF story

Hobbico AWARFs (All-Wood, Almost-Ready-To-Fly) arrive 80% complete, with all major assemblies pre-built of selected, top quality woods, and precovered with a smooth, professionally-applied polyester skin. Virtually all necessary hardware is included. Easy-to-follow instructions guide you through the final few steps of assembly - and to some of the best-performing kits around.

The 64" span Hobbico Flightstar 40 is the ideal all-wood trainer, with a flat-bottom airfoil that gives the novice flier reassuring stability and increased confidence with each successful flight. All-wood construction makes it durable and easily repairable in case of mishaps. The 60" span Hobbico Avistar 40 is an intermediate pilot's dream. Its semi-symmetrical airfoil offers smooth, predictable flight and aerobatic potential as flying skills grow. Intermediates eager for a .60-size trainer with aerobatic potential can find it in the 71" span Hobbico Hobbistar 60 — a high-wing beauty that flies as easily as it builds. But no matter which one you choose, you're a sure winner with the quality, convenience, and top performance of the Hobbico AWARF series...from Tower!

Stock#	Description Now
TZ2151	Flightstar 40/O.S40 SF
	ComboSAVE \$13.00!\$219.98
TC1147	Flightstar 40 AWARF 99.99
TC1148	Hobbistar 60 AWARF 149.99
TC1146	Hobbico Avistar 40 AWARF 109.99

AVISTAR 40

Wingspan: 60" Wing area: 600 sq. in. Requires: Fuselage length: 45" Flying weight: 41/2 lbs. 4-Channel Radio

2-Cycle .40 Engine

HOBBISTAR 60

Wingspan: 71"
Wing area: 875 sq. in.
Fuselage length: 55"
Flying weight: 8.5 lbs.

2-Cycle .60 Engine
4-Channel Radio

Over 200 Friendly Sales Representatives To Help You With Your Order!

### If you're ordering an airplane, ask about our completion package—all the accessories you'll need to complete your kit! ——Almost-Ready-To-Fly Airplanes



### **Great quality ARFs** at affordable prices!

- Durable, inexpensive, and gentle for the beginner.
- A fun flier with quickness and agility.
- Snappy, sporty aerobatics for intermediate pilots.

Flitecraft ARFs are durable, easy to assemble, and affordable, and feature fuselages which endure the roughest landings. Wings have foam cores, covered with an impregnated, laminated board. Ailerons are already attached in the Cardinal III, Arrow III, Shadow, and new Minuteman .40. A generous accessory package is included with each.

### Flitecraft's new Minuteman .40: a durable trainer with great looks and great performance.

When it comes to durability and affordability, the Minuteman .40 trainer is the ideal durable trainer for first-time fliers. If you've got four to six hours, you've got the time needed to build the Minuteman .40. In addition to being easy to build, the Minuteman .40 is also easy to fly and quick to repair, because it's built to withstand the abuse a beginning pilot

New, budget-minded fliers will appreciate the strength of the Minuteman .40's 56" span, pre-covered foam core wing and PVC tail boom. They offer smooth flight characteristics and make workbench repairs fast and simple. The Minuteman .40 also includes a real engine mount and firewall, extra-durable fuselage, show-stopping trim, and extensive accessory package. The fuselage fully encloses the engine for a streamlined appearance found in no other durable-type trainer. Ailerons are installed to give this 4-channel plane aerobatic potential no 3-channel trainer can

### Flitecraft's full line includes the best features and prices for every flier.

The .40-size Shadow is a low-wing, tail-dragger sport and competition model that features a fully-symmetrical tapered wing and wheel

The Solo III, Cardinal III, and Arrow III are all sturdier, easier to build, and better-looking than ever! Features include increased wing area and thickness, longer nose and tail moment (each is 2" longer), new graphics, unique bolt-on wings, one-piece cowlless fuselage, superquality rugged decals, trim, new packaging, and more. The 57" span Solo III's gentle flight characteristics and durability make learning to fly easy. For intermediate fliers, the 58" span Cardinal III's quick response and agile flight habits make it perfect for fun flying. The snappy, sporty, aerobatic, 55" span Arrow III shows exciting performance for intermediate to more advanced fliers.

The Shuttle is a pre-built, lightweight carrier for any flier. Foampadded grooves securely cradle wings and fuselage without damage. Molded in a neutral dark gray, it can be painted to match your plane.

Stock#	Description	Retail	Now
TZ2155	Minuteman/Sup. G-34 Combo .SAVE \$6.00!	\$254.90	\$161.98
TC3135	Flitecraft Minuteman .40 ARF	99.95	69.99
TC3134	Flitecraft Shadow ARF	115.95	79.99
	Solo/O.S35 FP ComboSAVE \$5.00!	207.90	126.98
TC3133	Flitecraft Solo III ARF	99.95	64.99
	Flitecraft Aileron Wing Conv Solo III	34.00	25.99
TZ2153	Cardinal/O.S35 FP Combo .SAVE \$5.00!	217.90	136.98
TC3132	Flitecraft Cardinal III ARF	109.95	74.99
TZ2152	Arrow/O.S35 FP Combo .SAVE \$5.00!	217.90	136.98
TC3131	Flitecraft Arrow III ARF	109.95	74.99
TC1839	Flitecraft Shuttle Airplane Caddy	27.95	19.99
	*3 Shuttles for	83.85	54.97



#### O.S. RYAN ARF

With the 58" span O.S. Ryan ARF, there's no sanding, painting, or covering required: its authentic colors and trim have been captured in a special four-layered covering which

gives its built-up balsa wing and fuselage a strong, tight, and fuel-resistant finish. Powered by the included O.S. .40 FP engine, the Ryan's low-wing design is smooth and steady, yet provides practiced fliers with the opportunity to perform truly outstanding aerobatics. Requires a 4-channel radio.

Stock# TC1160

Retail Price \$399.95

Now Only \$229.99

### O.S. MAX LAZER ARF

· Easily performs all standard aerobatic maneuvers.

With its factory-installed O.S. .25 SF and symmetrical airfoil, the 47 5/8" span Max Laser ARF is a fast, light, and highly-aerobatic craft! Its ARF construction features include a colorful four-layer foam-

and-film covering over the balsa and ply framework, plus a bolt-on wing for easy transport. Add a 4-channel radio and a few evenings work, and you're ready to take center stage at the field! See page 10 of our '91 Catalog for more!

Now Only \$224.99 Stock# TC1161 • Retail Price \$349.95 •

### AIR KRAFT TEXAS OUTLAW

National Champ comes with "Speed Secrets" hop-up sheet!

This winning, 50" span Quickie 500 racer comes complete with a "Speed Secrets" hop-up sheet for competitive racing...and it's available only from Tower! Blazingly fast in the air, this all-

balsa ARF also comes ready for speedy assembly, with a pre-built fuse and presheeted balsa wings and stab, aileron hook-ups, landing gear and more. Add a 4-channel radio and a hot .40 engine, and you're ready to hit the Outlaw trail to victory.

Now Only \$79.99 Stock# TC1123 • Retail Price \$119.95 .

### LANIER ARF AIRPLANES

The 63" span P-51 sport/pattern fighter Sea Bird requires a 2-cycle .45-.60 or 4-cycle .80-.90 engine. Great for beginners and intermediates the 63" span Dart takes a 2-cycle .40-.60 or

Laser spans 60", and requires a 2-cycle .40-.60 or 60-1.2 4-cycle engine. Spanning 60", the amphibious **Sea Bird** trainer requires a 2-cycle .40-.60 or 4-cycle .60-.80 engine. All require a 4-channel radio. For more, see Catalog pages 108 & 109.

Stock #	Description	Retail	Now
TC1156	Lanier P51 Sport .4560 ARF	\$124.95	\$64.99
TC1157	Lanier Dart ARF	124.95	64.99
TC1158	Lanier Laser ARF	189.95	94.99
TC1159	Lanier Sea Bird ARF	229.95	99.99



A bend-resistant internal aluminum wing spar added to the Dura-Plane II's design make the 45" span Dura-Trainer the most indestructible Dura-Plane yet! Also featured are allerons, longer nose and tail moments, for smoother, more positive control, plus motor mount, landing gear, wheels, and hardware. Required are a 4channel radio and .40 engine.

Flight-ready in just 6-10 hours, the 45"-span Dura-Plane II and Dura-Plane II w/Dura-Hide Wing feature a super-strong PVC fuselage, foam wing, balsa tail, and aluminum main channel. Designed for durability and entry-level economy, these tough trainers require all accessories, a 2-cycle .20-.40 size engine and a 3-4

Experienced fliers can now perform all basic aerobatic maneuvers without crash worry. The 45"-span **Dura-Bat** features an enclosed PVC fuselage and aluminum main channel for increased aerodynamics. Like the Dura-Bat, the **Dura-Bat** w/Dura-Hide Wing requires a .40-.46 engine, all accessories, and a 4-channel

See just how indestructible Duracraft's Dura-Plane is in "Dura-Plane: The Movie", as a model survives crashes with poles, fences and cars, a mid-air collision with another craft...and even a shotgun blast!

Stock #	Description	Retail	Now
TC1127	Duracraft Dura-Plane II .2040	\$64.95	\$44.99
TC1128	Duracraft Dura-Plane Trainer .40	89.95	49.99
TC1129	Duracraft Dura-Plane II w/ Durahide Wing	86.95	57.99
TC1130	Duracraft Dura-Bat .4046.	89.95	49.99
TC1131	Duracraft Dura-Bat w/Durahide Wing	99.95	64.99
TC1229	Duracraft Dura-Plane: "The Movie" VHS Video	24.95	19.99

#### COX ARF AIRPLANES

Cox airplanes mean flying fun, from R/C models like the electric-powered Cessna 2 Skylane and Electric Sundance, and gas-powered EZ Bee 2, to the

control-line **EZ Flyer**. All (except Cessna 2 Skylane, EZ Bee 2 w/Radio, and EZ Flyer) also require a 2-channel radio. The electric Sundance includes battery & charger

Stock #	Description	Retail	Now
TC2845	Cox Gas Cessna 2 Skylane	\$209.95	\$124.99
TC2847	Cox Electric Sundance w/.049	184.95	109.99
TC2848	Cox EZ Bee 2 Plane Kit (Alone)	109.95	62.99
TC2849	Cox EZ Bee 2 w/Cobra 2 Radio w/.049	259.95	149.99
TC1980	Cox EZ Flyer Cessna 150 C/L w/Engine	34.95	19.99

### ARISTOCRAFT PIPER J-3 CUB ARF



All-wood, pre-built, and pre-covered, the 55" span Piper J-3 ARF is perfect for the busy scale enthusiast! Requires a 2-cycle .19-.25 or 4-cycle .35-.45 engine and a

Now \$84.99 Retail \$109.95 TC1124

### EZ ARF AIRPLANES

Enjoy jet-age thrills and looks with the 38.9" span F-16 Fighting Falcon. Requires a .25-.28 engine and a 4-channel radio. Racy 55½" span Dago Red and 55½" P-51

Mustang both require a 2-cycle .4045 or 4-cycle .60-.90 engine, and a
4-5 channel radio. The 59" span Supra Fly 45 requires a .45-.60 engine and a 4-5 channel radio. Add realism to your P-51, Dago Red or Supra Fly .45 with dependable EZ retracts.

Stock #	Description	Now	
	F-16 Falc/O.S25SF Comb		Ť
TC3127	F-16 Fighting Falcon ARF	189.99	1
TC3128	Dago Red ARF	209.99	7

Stock #	Destate	
	Description	Now
TC3129	P-51 Mustang 40 ARF	\$209.99
	SupraFly 45 ARF	249.99
TC1112	Supra Retracts P-51	37.99

### TOP FLITE **HEADMASTER**

FZ Bee 2

Top Flite's 591/2" span Headmaster ARF trainer

comes with parts ready for quick assembly. An extensive hardware package is supplied. This Ken Willard design requires a 4-channel radio and a 2-cycle .40-.46 engine. See our '91 Catalog, page 123.

Retail \$199.98 TC1164

Now \$99.99



### GREAT PLANES™ The Entry-Level Sailplane That's Already A Proven Winner!

#### Winner of 1990 AMA Nats!

The Great Planes Spirit, piloted by Paul Carlson, captured 1st place in the 2-meter class at the 1990 AMA NATS! Easy to assemble and very durable. this contest winner is the perfect sailplane for any skill level.

The Spirit is designed around a 2-meter wing featuring a triple-taper platform, polyhedral shape, and low wing loading, and is an excellent thermal chaser. It's easy to build, even for the beginner. with top-quality, machine-cut balsa parts and classic Great Planes detailed plans and instructions to guide you through every step of assembly. Hardware, canopy, and molded cockpit are also included.

BUY THE COMBO AND SAVE \$25.00! Wing span: 78.5" Wing area: 676 sq. in. Weight: 30 oz. Wing loading: 6.4 oz. Requires: 2- or 3-channel radio

Description TZ2158\* \* Spirit/Cox 2 Channel Radio Combo

Retail

Now

No matter what your experience, you'll soar like a pro with a little help from Great Planes.

SUFIRUS Wingspan: 75.25" Wing area: 3.54 sq. ft. Weight: 49.8 oz. (w/Radio & 7C Batt. 49.8 oz.) Soarus II includes ailetons for precise maneuvers.

Wingspan: 70" Wing area: 3.15 sq. ft. Weight: 43 oz. (w/Radio & 7C Batt. 43 oz.)

The Kyosho Soarus ARF electric sailplane is 90% preassembled, and includes an efficient direct-drive system with LeMans AP36L motor and spinner-equipped folding propeller. The durable, blow-molded fuselage easily accepts 6- or 7-cell battery packs. Like the beautifully hand-crafted, pre-covered balsa wing and tail, the fuselage is finished in a high-visibility yellow. Its design includes a superb power-to-weight ratio for outstanding climb-outs, and a modified Selig 3021 airfoil for superior thermaling ability. The Soarus II adds ailerons for enhanced thermal turn capabilities---and even greater contest-winning performance.

Stock# Description Retail Now Soarus/6-Cell Sprint Battery/Multi-TZ2160 Charger II/Combo Kyosho ARF Soarus Electric Sailplane . 209.95 159.99 TC1991 TZ2161 Soarus II/6-Cell Sprint Battery/Multi-Charger II/Combo .SAVE \$10.00! 354.85 231.97 TC1992 Kyosho ARF Soarus II Electric Sailplane 269.95 179.99

# KYDZHO SYKAYUS

High-Quality ARF Electric For Any Skill Level



rd

Kyosho's 76.4" span Stratus 2000 blends the most successful European trends with state-of-the-art, proven design features to provide both new and experienced sailplane enthusiasts with a model capable of powerful climb outs and smooth transitions to gliding.

Among these features are Schuman-type wingtips and the S-3021 airfoil; a direct-drive system powered by the included 540-size motor; and a scimitar-shaped folding propeller that contributes to the Stratus 2000's overall low-drag design. Largely pre-built, the Stratus arrives with a durable, blow-molded, polypropylene fuselage, plus pre-built wing and tail sections beautifully pre-covered with Excelcote film. The three-piece main wing attaches quickly and can also be easily disassembled for convenient transporation.

For beginners or practiced sailplane fliers, the Stratus 2000 offers proven high-performance. Required are a 3-channel radio, 7-cell battery, and charger. Soar into savings with the combo!

Stock # TZ2159	Description Stratus/Sprint Batt/Multi-	Retail	Now
passing ares	Charger II / Combo	tion to make	depresant to have
TC1990	ARF Stratus 2000 Sailplane	<b>\$324.85</b> 239.95	\$229.97 179.99

Toll-Free: Orders Only 1-800-637-4989—Order Assistance 1-800-637-6050

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### GOLDBERG SOPHISTICATED LADY

The 781/4" span Sophisticated Lady sailplane lives up to its name with quality die-cut wood construction, Ttail design, easy-access radio compartment, and formed, detailed cockpit interior. Its scale appearance



also lends an air of sophistication. It launches easily from a slope or with a hi-start. A 2-channel radio is required. Save now with Tower's kit/radio combo!

Stock #	Description	Retail	Now
122162**	Sophisticated Lady/Cox 2-Channel Radio ComboSAVE \$25.00! \$	177 94	\$74.98
TC1984	Goldberg Sophisticated Lady Sailplane	49.99	29.99

### GOLDBERG GENTLE LADY Ideal for new and intermediate fliers. The 781/4" span Gentle Lady is a perfect 2-meter sailplane for the beginner-responsive, yet very gentle and stable. Features include

die-cut balsa and plywood, hardware, and plans that are easily followed by a novice. A 2-channel radio is required. For more on Goldberg's Gentle Lady, see our '91 Catalog, page 127. Stock # Description

122100	Genne Lauy/ Cox 2-Channel Raulo		
	ComboSAVE \$25.00!	\$162.94	\$66.98
TC1985	Goldberg Gentle Lady Sailplane	34.99	21.99

### ACE "ACE HIGH" MK II SAILPLANE

This all-time favorite is ideal for the novice who wants to get started in glider building and flying. The kit features a die-cut plywood fuselage and a

pre-cut foam wing. The Ace High MKII has a 69" wingspan and requires a 2-channel radio and a .049-.051

engine. There are great engine values in our 1991 Catalog, starting on page 205!

Stock# TC1975

Retail Price \$34.95

Now Only \$22.99

### TOP FLITE ANTARES SAILPLANE

All-wood sailplane stretches flying time to the max.

Measuring 993/4" from wingtip to wingtip, the Antares is a top choice for the seasoned sailplane enthusaist. State-of-the-art aero-

dynamics gives the Antares an extremely high glide ratio, wide speed range and quick response to even the slightest lift. Flaps add extra lifting capacity, while allerons sharpen turning abilities for thrilling flights. Requires a 3-4 channel radio.

Now Only \$69.89 Stock# TC1997 • Retail Price \$116.95 •

### DYNAFLITE **HI-STARTS**

· Easy to layout, use and store.

Standard Hi-Start launches planes with wingspans of 100" or less. Heavy Duty Hi-Start provides strong steady power to planes over 100" span. Both require 800 tt. of clear launch area.

Standard TC1835 Heavy Duty TC1836

Retail\$69.95 Now Only\$39.99 Retail\$79.95 Now Only\$47.99 **KYOSHO MELODY 1500** ARF SAILPLANE

Sleek design makes the 59" span Melody an excellent slope and thermal soarer for intermediate

pilots. Lightweight molded fuselage and OHS wings are factory-built. Features Eppler 193 airfoil and T-tail. Hi-start also included. Requires a 2-channel radio.

Stock #	Description	Retail	Now
TZ2221**		\$271.70	\$179.99
TZ2164**	Melody 1500/Cox 2-Ch. Combo SAVE \$5.00!	277.90	174.98
TC1993	Melody 1500 ARF Sailplane	149.95	109.99

### AIRTRONICS LEGEND



The F3B-influenced Legend features a Selig 3021 airfoil, 113" wingspan and 1050 sq. in. wing area. Wings are built-up spruce and balsa; fiberglass fuse is Kevlarreinforced. Requires a 4-channel radio.

Retail \$299.95 Now \$199.99 TC1978

### **FUTURE FLIGHT** KLINGBERG WING

Unique flying wing!

Light wing loading and low drag give the 78" span Klinghere Winz 78" span Klingberg Wing marvelous flying abilities, and its unique body style

is sure to be talked about at your flying field. Made of pre-cut balsa and plywood parts. A wing jig is included to simplify building. A mechanical mixer which controls the elevator functions allows you to fly with a 2-channel radio and standard servos. 2-channel radio is required. Instructions and materials for an optional power pod are also included. See our '91 Catalog, page 127, for more information.

Stock# TC1982 •

Retail Price \$59.95 •

You gotta try one of these!

Now Only \$39.99

### COX FAGLE II

All-foam sailplane builds fast, flies great.

The 55" span Eagle II ARF offers novice pilots a com-plete, easy-building sailplane package for an economical

price. Durable, polystyrene foam wing simply rubber-bands on to fuselage; receiver included. Single-channel radio is factory-installed. Computer-designed for aerodynamic stability and top overall performance, the Eagle II ARF includes a hi-start for exciting high-altitude launches. Requires 12 "AA" batteries for transmitter.

Stock# TC1979 •

Retail Price \$139.95

Now Only \$59.99

### **GM PRECISION** THERMAL CHARGER

Lightweight, balsa construc-tion and a powerful motor package keep the 60" span Thermal Charger flying high when thermals fail. Spruce wing spars and all-balsa

construction trim weight and add strength; included Leisure 05 motor, prop, and switch harness (with on/off micro-switch and arming switch) extend flight times to 10-12 minutes. Requires a 2-channel radio, battery, and V-tail mixer.

Stock# TC1986 •

Retail Price \$69.95 •

Now Only \$46.99

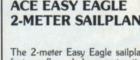
### ACE EASY EAGLE 2-METER SAILPLANE

The 2-meter Easy Eagle sailplane features flaps, balsa construction, and a computer-generated, SD-7032 airfoil for easy launches and outstanding thermal soaring. Bolton wing makes storage and

transport convenient and easy; extensive hardware included. Actual wingspan: 78½". Requires 3-channel radio. New to sailplanes? See "Introduction to Sailplanes" on page 125 of our '91 Catalog!

Stock# TC1974 • Retail Price \$54.95

Now Only \$39.99







## SPECTRA

Soar from zero to 500 feet in just 60 seconds with the Great Planes Spectra. Wingspan: 78.5"
Powered by a Goldfire 550 motor, the all-balsa Spectra surpasses all other com- Wing Loading: 10 oz./sq. ft. seconds with the Great Planes Spectra. parable sailplanes in climbing ability. Its state-of-the-art triple taper wing and modified Selig 3010 airfoil give you longer soaring time, allowing you to cruise easily from thermal to thermal.

Smooth, forgiving flight characteristics and an extremely durable airframe make this the perfect entry-level sailplane. Even beginners can assemble it easily with Great Planes photo-illustrated instructions. Includes hardware, canopy, molded cockpit, Goldfire 550 motor system and 8x4 prop.

Requires: 3-channel radio, 6- or 7-cell battery & charger



Easy construction allows beginners to enjoy top results.

Sailplanes



Change batteries fast with an easy-access hatch

Stock# TC1988

Description Great Planes Spectra Electric Sailplane

TC2708 .30 Blade Holder

TC2709 .60 Blade Holder

TC2711 .50-60 Floats . . . TC2712 C-30 Muffler-O.S.

.30-40 Floats .

TC2713 C-30 Muffler-SuperTigre

Stock #

TC2710

Retail \$79.95

Now \$57.99

### **Helicopters**

provides exciting

climbing ability.

# **HELICOPTER ACCESSORIES**

A great value on well-designed, top-quality helicopter accessories.

HeliMax meets the growing demand for more affordable heli parts and accessories. Foam rubber Blade Holders come in two sizes. Floats offer heavy-duty vinyl construction, and provide safe landings on water or land. Tuned Pipes for Shuttle and Concept 30 boost power while reducing noise. Mufflers fit into tight fuselages and direct exhaust away from the body. Convenient tilt, swivel and adjustable height features on the Heliport make maintenance easy.



Description



### **CONCEPT** The first electric helicopter from a name you know and trust.

Length: 31.9"

Rotor Diameter: 35.9" Height: 8.3" Width: 3.5" Weight: 2.6 lbs.

Motor: LeMans AP 36 (included)

Requires

Radio: Helicopter radio, 4 mini servos,

electronic speed controller, gyro, 8.4V battery & charger

Kyosho uses the latest in technology to bring electric power to helicopter flight with the EP Concept. Thoroughly researched and tested by Kyosho's expert design team, the EP Concept is the most advanced, best-flying electric-powered helicopter we've seen. It's backed by Kyosho's proven experience in the helicopter industry, extensive knowledge in material design and complete parts support.

Truly an amazing aircraft, the EP Concept features a belt-driven tail that is exceptionally lightweight and very smooth. Collective pitch gives it accurate and quick response. A metal flapping hinge system allows for simplicity, lightness, and stiffness in the rotor head. The EP Concept

Motor and drive gear already mounted for quick, easy assembly.

Toughest construction of an electric heli on the market!



gains precision from a swash plate with metal pivot balls. Pitch rod ball links may be adjusted by half turns for more precise blade tracking.

In addition to these features, the EP Concept is exceptionally durable. Its strong main structure enables it to withstand abuse pilots can give their models. The EP Concept also includes 20 ball bearings for low friction, a one-way bearing in its main gear for autorotations, an enclosed gear train to keep dirt out, foam blades for smooth maneuvers and hovering stability and direct servo linkages to controls for less free play and more accuracy.

Stock #TC2210 • Retail Price \$469.95 • Now Only \$349.99

# KVOZHO SX Swash Plate

Steel Hiller Lever

Tail Rotor Grip Axle

NOW

30™ ACCESSORIES

TC2248

Hard Damper-Red (10)

Now \$549 Only Tail Link Guides (2)

**Expert Main Blades** Now TC2256 Only

**Metal Mixing Base** 

• Replacement and performance-enhancing

parts support for your Concept 30.

**Drive Gear** 

TC2220

TC2264

TC2234

TC2235

TC2236 TC2237

TC2239

TC2240

TC2241

NOW

\$42<sup>99</sup>

NOW \$999 **Thrust Bearing Set** 

TC2278

NOW \$1899 TC2221

Definitely the hottest helicopter of all sizes on the market, the Kyosho Concept 30 is a great investment. Thanks to all of the special accessories and hop-ups made especially for the Concept 30 exclusively by Kyosho, you can customize your machine to your

NOW

**Clutch Bearings** NOW TC2265

TC2232 \$.79

TC2266

Now Only Only

\$10.99

1.39

39.99 21.99

.2.99 79.99 .11.99 22.99

10.99

4.49

69.99

.39

Scale Fuse Muffler

TC2273 Only

Extension Shaft w/1 Way

TC2274 Only

exact flyir and repla blades, ar By	in a bilities and requirements. Tower of a bilities and requirements. Tower of the condition of the condition. See below the condition of the condition. See below the condition of the condition	carries an excal sets, a liraliable to keep linkages (now	tensive line of ne-up of four p your machin w packaged so	Concept custom different types of ne in the air.
Stock #	Description Thrust Bearing Set	Now	. Stock #	Descr
TC2221	Thrust Bearing Set	\$ 18.99	TC2242	Decal Optional-Red
TC2222	Stabilizer Blade DX	15.99	TC2243	Decal Optional-Gre
TC2223	Stabilizer Blade SX	10.99	TC2247	Feathering Shaft B
TC2224	Stabilizer Bar (2)		TC2248	Hard Dampers-Rec
TC2225	Stabilizer See Saw SX	7.99	TC2249	Canopy Only (wind
TC2226	Pro Main Blades	26.49	TC2251	Black Tail Boom
TC2227	Main Gear Shims (10)	1.39	TC2254	2 Pro Main Blade
TC2228	Starter Cone Set	8.99	TC2255	Shrink Tube (2 sets
TC2229	1-Piece Clutch	. 24.99	TC2256	Expert Main Blade
TC2230	Tail Gear Case-White	6.99	TC2250	Feathering Shafts (
TC2231	Tail Rotor-1 piece	5.99	TC2257	Sport Main Blades
TC2233	Tail Rotor Blade Set	5.99	TC2258	Aluminum Start Co
TC2234	Tail Drive Shaft (2)	E 00	TC2250	Ctantas Dall Lan Car

16.99 14.99

2242 2243 \$13.99 13.99 2247 2248 Hard Dampers-Red (10). . 2249 2251 Canopy Only (windshield)
Black Tail Boom
2 Pro Main Blade Sets/Storage Case 5 49 12.99 2254 2255 49.99 256 31.99 250 Feathering Shafts (/ Sport Main Blades Aluminum Start Co TC2257 TC2258 TC2259 TC2260 Starter Pull for Sca Recoil Starter Set TC2261 Metal Joint Set . TC2262 Starter Extension S TC2265 Clutch Bearings (2 Tail Link Guides (2 TC2266 Tracking Tape. TC2267

Stock # TC2268 Description Servo Ball Link So Ball End Set (All Ball Ends) TC2269 Cyclic Lever Link (2). Elevator Link Rod (2). TC2270 TC2271 TC2272 TC2273 TC2274 Starter Extension Shaft w/1 Way Titanium Main Shaft..... TC2279 Blade Balancer . . . .

TC2276

(Alone) (2) 5.99	TC2263	Starter Cone Scale Fuse
Weighted15.99	TC2280	DX to SE Upgrade Kit
one9.99	TC2238	Landing Gear Brace
ale Fuselage 8.99		Body Only for Hughes 300
	TC2245	Canopy Only for Hughes 300
5.49	TC2246	Side Cover for Hughes 300
Shaft Set 14.99	TC2264	Drive Gear
2)17.99		Metal Mixing Base
2)3.49	TC2277	Metal Washout Assembly
3.99	TC2278	Steel Hiller Lever

#### WHITEMAN HELICOPTER STAND

 Learn R/C helicopter control skills without risking your model!

Tail Drive Shaft (2) . . .

Optional Pod/Boom Decals

Decal Optional-Blue Jet Ranger

Decal Optional-Red Jet Ranger .

Decal Optional-Green Jet Ranger

Tail Boom

Skid Set.

The Whiteman Helicopter Stand is ideal for R/Cers new to helicopter modeling. Why risk damaging your model when you're first testing your control skills? Learn without risk with this all-

aluminum training stand. It will hold your model firmly, yet still allow almost complete freedom of movement. The stand is 42' in length and is fully portable.

Stock# TC1906 • Retail Price \$197.99

· Now Only \$187.99

### ROBART HELICOPTER **BLADE PITCH METER**

Set pitch quickly and accurately, at home or in the field.

Set blade pitch quickly and accurately with Robart's Helio Blade Pitch Meter. It's durable enough for field use, yet comes with jewelled bearings for 1/8° accuracy at home or away. Adjustable for

various blade widths, the Helio pitch meter accepts flat-bottom airfoils, and properly aligns all fly bar and rotor blade angles. See page 131 of our '91 Catalog for more.

Now Only \$24.99

LIGHTNING R/C **COX SKY JUMPER** ROTOCRAFT

WORKSTATION Adjustable clamps tilt, rotate, and hold helis up to .60-size, for repair and maintenance ease Heavy-duty steel base tray prevents tipping and holds parts

Retail \$99.95 TC1903

Only \$79.99



y .049 engine soars to 200 feet. Sky Jumper automatically ejects with parachute, while helicopter slowly descends with autorotation blades. Requires no control skills!

Retail \$55.50 TC1897

Only \$39.99

Free-flight

Huey heli-

copter

powered



Powered by a Cox .049 motor, the pre-built plastic Airwolf offers new and intermediate pilots free-flying excitement. 12½" long fuse features cannons, and a 19½" diameter rotor blade. See '91 Tower Catalog, page 130.

Retail \$46.95 TC1898

Now \$29.99

### MIDWAY MODEL TABLE TRAINER

Compact Table Trainer allows you to hone essenflying

skills in your den, home or office, by learning to control a steel bearing on its top tray. Requires a 2-channel radio. Assembly required. See '91 Catalog, page 131.

Retail \$17.95 TC1904

Only \$14.99

# **Kyosho** \*Concept 30 \*Helicopters

# Finally, helicopter flying made easy for all skill levels!



RESPONSE

The Concept 30 DX broke new ground in .30-size helicopters, offering novice fliers an easier way to learn piloting skills. The Concept 30 SE, with nylon stabilizer paddles and ballbearing efficiency, provided experienced pilots with enhanced aerobatic capabilities.

for expert help with your Concept 30 questions!

Now, Kyosho offers the master pilot unparalleled .30-size performance, with the new Concept 30 SX. New design and engineering modifications give the Concept 30 SX the ultimate in precision response and control. Expert fliers can now push their skills to the upper limits with confidence, and perform difficult maneuvers closer to the deck than ever before.

The Concept 30 SX comes with a sleek new canopy design, but can also accept any of the scale fuselages designed by Kyosho. The Jet Ranger and Hughes 500 bodies require a starter extension shaft, available separately. Kyosho also offers a scale Hughes 300 fuselage and Milt's Helicopter Video - a great tool for the helicopter novice. For more on Concept 30 Helicopters, see pages 24-25 in the 1990 Tower Catalog, or pages 20-21 in the all-new 1991 Tower Catalog!





SIOCK#	Description Retail Nov	J
TZ2166*	* Concept 30 Assm w/O.S. 32FH/Airtronics VG6H-FM	
	w/4 Std. Srvs/Air. SGX Gyro/Milt VHSSAVE \$20.00! \$1094.75 \$761.9	5
TC2212	Concept 30 DX Assembled w/O.S32 FH Engine 529.95 439.9	9
TC2211	Concept 30 DX Assembled w/o Engine 429.95 299.8	9
TC2213	Concept 30 DX Kit w/o Engine	9
TC2214	Concept 30 SE Kit w/o Engine	9
TC2215	Concept 30 SX Kit w/o Engine	9
TC2216	Jet Ranger Fuselage Kit	9
TC2217	Hughes 500 Fuselage Kit	9
TC2218	Hughes 300 Fuselage Kit	9
TC3015	Milt VHS R/C Helicopter "How To" Video—VHS 29.95 24.9	9
THE PERSON NAMED IN COLUMN	THE RESIDENCE OF THE PROPERTY	_





drive gear w/brass ring and

fiber liner; and more!



Are you ordering today? Be sure to check these Phone Specials before you call and place your order. If you are not ordering today, spend a few minutes looking through these Phone Specials. The savings you'll find by each item is the amount you'll save off the everyday low Tower Talk price. Determine which ones you want to take advantage of and mark those dates on your calendar! That's the best way to get the best deal on the items you want most!

RULES:

1. Phone Orders Only.

2. You must use the special "TX----" stock numbers to receive the special price.

 To ensure fairness to all, only the current phone special will be honored--NO EXCEPTIONS! This sale is not retroactive, and some of these items may not be backordered.

### All Phone Specials Active Easter Weekend. March 29-31, Fri., Sat. & Sun.

Give us a fast phone call, and we'll hop to it with vast selection and incredible buys! And remember: all Tower Phone Specials will be active over Easter Weekend (March 29-31), so you'll have plenty of time to take advantage of Tower's low, low prices.



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A Savings of **53.00** 

### **GREAT PLANES** PT-ELECTRIC

Electric powered flight for beginners.

The 56" span PT-Electric lets new fliers enjoy clean, quiet electric power, courtesy of strong, but lightweight balsa construction and the Great Planes Thrustmaster motor. More details are on page 5.

Retail \$79.95 TX2105

Now \$53.99 Only

S	M	Т	W	TH	F	S
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24	25	26	27			

Feb. 21-Feb. 27

A Savings of **\$2.00**  **TOWER HOBBIES DELUXE POWER PANEL** 

 Attaches to almost any field box.



Power your electric starter, fuel pump, and glow plug connector from a single 12 volt battery. See page 44 for complete details on the versatile Deluxe Power Panel.

Retail \$41.95 TX2101

Only \$17.99

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Mar. 7-Mar. 13

A Savings of

#### FIVE STAR #5501 AC/DC CHARGER

Easy-to-use, USA-made unit offers AC/DC convenience, and automatically switches to trickle at full charge. Includes high-quality German timer, ammeter, impact-resistant Lexan® case, and 5-year warranty. Details on page 55.

Retail \$59.95 TX2106



Only \$34.99

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Feb. 22-Feb. 28

A Savings of

### **KYOSHO USA-1** MONSTER TRUCK

Grab Kyosho's biggest and baddest ever, the 17" long USA-1! Twin-motor power and a new, heavyduty suspension design are just the beginning! See page 51 for more details.

Retail \$319.95 TX2102



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Mar. 8-Mar. 14

A Savings of

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Powerful, maintenance free, and rechargeable.



The sealed, lead-calcium Mafrec is rechargeable and delivers a full 6 amps of power. It measures  $5.9^{\circ} \times 2.5^{\circ} \times 3.6^{\circ}$  and never needs electrolyte. See page 56 for more information.

Retail \$37.95 TX2107

Now \$22.99

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Feb. 23-Mar. 1

A Savings of

### DREMEL **#572 DELUXE MOTO SHOP**

The #572 Deluxe Moto-Shop is a compact scroll saw/workshop that features a 3,450 RPM motor, power takeoff, flexible shaft and a generous accessory set. See details on page 39.

Retail \$165.00 TX2103



Only

\$89.99 Only

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Mar. 9-Mar. 15

A Savings of

SANYO "AA" **NiCd BATTERIES (12)** 

Eliminate the need for expensive dry-cell alkaline batteries, by building your own packs with these 600 mAh, "AA"-size NiCds! Solder tabs not included. A must for cost-conscious do-it-yourselfers! For Tower's low, low price, see page 56!

Retail \$35.88 TX2108



Now \$17.99

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Feb. 28-Mar. 6

A Savings of

### **KYOSHO HURRICANE BOAT**

Twin LeMans 360ST motors and the Jet Stream

outdrive system power the 31" long Hurricane through the waves. Features one-piece ABS catamaran hull, trim tabs and realism that'll blow you over! Requires a 2 channel radio, 6- or 7-cell battery, & charger See page 40.

Retail \$229.95 TX2104

Now Only \$167.99



Mar. 14-Mar. 20

A Savings of

### **DAVE BROWN** AIRPLANE SIMULATORS

Learn about stalls, spins, rolling circles and more the no-risk way, with this unique computer flight simulation program. Available on 5½ " floppy diskettes for a wide variety of computer models. For more information, see page 43.

Stock # Description
TX 2109 Commodore...
TX2110 Apple.......



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### Watch your calendar and dial up even more savings

02		with Towe	er's Phone Specials!
S M T W TH F S 15 16 17 18 19 20 21 Mar. 15-Mar. 21 A Savings of \$10.00	Kyosho's Lazer ZX powers into the 1990's for world-beating 1/10 scale 4WD racing. It measures 14.1" in length, 9.4" in width, and weighs 56.4 oz. See page 71.	S M T WTH F S 4 5 26 7 8 9 10 Apr. 4-Apr. 10 A Savings of \$5.00	TEAM LOSI JR-XT RACING TRUCK  This JR-X2 based racing truck leaps into fast-paced racing truck action with the unique Losi 5-link suspension, monster truck wheels, real rubber tires, and more, capped by a Toyota racing truck body. For more on this well-bred winner, see page 52.  Retail \$339.95
s M T W TH F S 21 22 23 24 25 26 27 Mar. 21-Mar. 27 A Savings of \$5.00	GREAT PLANES ULTRA SPORT 40  The best-flying sport airplane ever!	S M T WTH F S	Retail \$339.95 TX2120  Solve \$177.99  GOLDBERG ELECTRIC MIRAGE 550  Learn to fly the clean, electronic way!  Fun first flights are no illusion with the 54" span Mirage 550. This gentle, all-balsa high-wing is lightweight, and comes complete with 550 motor, prop, spinner, wheel and wheel pants. For more on this stable trainer, see page 9.  Retail \$79.99 TX2121  Now Only \$45.99
\$ M T W TH F S 22 23 24 25 26 27 28 Mar. 22-Mar. 28 A Savings of \$5.00	CZ-R features dual ball bearings, Schnuerle porting, ABC construction and more!	S M T WTH F S  7 8 9 10 11 12  Apr. 6-Apr. 12  A Savings of up to  \$4.00	AIRTRONICS SERVOS  The #94141 is a ball bearing micro servo for sailplanes. Large-scale #94510 servo features a coreless motor and ball bearings. Weighing just 1.5 oz., the #94102 standard servo delivers 50 ozin. of torque. See page 30.  Stock# Description Retail Now TX2122 94141 Ball.Bearing Micro \$79.95 \$37.99 TX2123 94510 HD BB Large Scale 89.95 48.99 TX2124 94102 Precision HD Standard 34.95 15.99
S M T WTH F S 23 24 25 26 27 28 29 Mar. 23-Mar. 29 A Savings of up to \$5.00	TOWER SPORT & PREMIUM FUEL  Sport fuel uses a synthetic oil that's ideal for sport flying. Premium	S M T WTH F S 11 12 13 14 15 16 17 Apr. 11-Apr. 17 A Savings of \$2.00	ROYAL 12V ELECTRIC FUEL PUMP High speed filling or draining of model or diesel fuels. Operates from a 12V power source. Includes nozzle, filtered fuel can clunk pick up, alligator clips, and a tough, fuel resistant plastic case. See page 24.  Retail \$22.95 TX2125  Now \$11.99
\$ M T WTH F S 28 29 30 31 1 2 3 Mar. 28-Apr. 3 A Savings of \$5.00	MRP MISS BUDWEISER DELUXE 26'' long Miss Budweiser Deluxe electric-powered off-shore racer features pre-joined polystyrene deck and hull, twin 05 motors, speed control, decals, all hardware. Requires 2-channel radio, two 7.2V batteries, radio batteries, and charger. See page 42.  Retail \$264.95 TX2118  Now \$134.99	14 15 16 17 18	HOBBICO #905 AC/DC MULTI-CHARGER  • Fast charges anywhere. • Packed with features  Perfect for fast-charging 6- and 7-cell battery packs wherever you are in 15 minutes from a standard 110-120V AC wall outlet or 12V auto battery. Includes adapters and selectable charge/discharge modes. For more details, see page 54.  Retail \$57.95 TX2126  Now Only \$34.99
\$ M T WTH F S 29 30 31 1 2 3 4 Mar. 29-Apr. 4 A Savings of \$5.00	O.S.MAX .32 F-H HELICOPTER ENGINE Whether you're new to .30-size helis or an old hand, the Schnuerle-ported .32 F-H can give you the power you need. A special carb, ball bearings, and a finned heatsink head make the .32 F-H a top choice for power and dependability. Details on page 27.  Retail \$209.95 TX2119  Now Only \$119.99	Tower's spectacular Ph	Last Chance! All Phone Specials Good April 19-30. the first time around, it's not too late to take advantage of none Specials. With Spring just outside the window, now is at, plane, car, or truck in shape for a Spring fling or Summer

Guaranteed by Tower If you're not totally satisfied with Tower Power Fuel, simply return any unopened gallons and we'll immediately refund the purchase price of the fuel returned. Don't settle for less than the best -Tower Power Fuel! Available in 4 gallon cases.

Tower Power Premium Fuel gets top performance from all types of engines. In many cases, using Tower Power Premium results in a 10-15% increase in

Available in the top three nitro blends, Tower Power Sport Fuel provides excellent performance and protection — at a very economical price.





0% Perfect for a wide range of performance applications, Tower Power 0% Premium Fuel provides excellent results for trainers through FAI competitors!



**5% & 10%** For the weekend or sport flier. 5% and 10% nitromethane blends provide great performance at an economical price.

15%&25% The higher the percentage of nitromethane, the more power your model will receive. Clean burning for the high performance needed in pattern and racing competition.

40% Fill your tank with 40% Hi-Nitro Premium when the utmost in power is demanded for you model. For the best results, this is the

4-Cycle Specially formulated to make your 4-cycle engine run better and longer, with a 15% nitro blend and more castor oil.

Helicopter Fuel Tower's 12% and 15% nitromethanes blend in 100% synthetic oil for a helicopter's power needs. New 30%, created specifically for ultra-high performance helis, features special lubricants for cooler running at high RPMs. Colored for high visibility.

Jet Fuel Formulated exclusively for ducted fan engines, Tower Power Jet includes heavy-duty lubricants to handle the extra heat of ducted fan engines, plus additives that keep engines clean, extend glow plug life, and create a vapor trail.

\*PLEASE NOTE: Our fuel shipper recently announced a \$5.00 surcharge on each case of fuel due to new federal government Environmental Protection Agency (E.P.A.) regulations. When ordering, please note that this \$5.00 surcharge will be added to each case of fuel purchased (above and beyond the prices shown). All of us here at Tower regert this action. Since all brands of fuel will be affected, we think that you'll still find Tower fuel to be one of the best values on the market.

Stock Number	Description Retail Price	*Now Only	Gallon Price
TC2281	Premium 0% Nitro-4 Gallons	\$31.40	\$7.85
TC2282	Premium 5% Nitro Fuel-4 Gallons 51.95	36.20	9.05
TC2283	Sport 5% Nitro Fuel-4 Gallons 43.95	32.20	8.05
TC2284	Premium 10% Nitro Fuel-4 Gallons 58.95	39.40	9.85
TC2285	Sport 10% Nitro Fuel-4 Gallons 50.95	36.20	9.05
TC2286	Premium 15% Nitro Fuel-4 Gallons 71.95	47.40	11.85
TC2287	Sport 15% Nitro Fuel-4 Gallons 53.95	38.80	9.70
TC2288	Premium 25% Nitro Fuel-4 Gallons 106.95	63.80	15.95
TC2289	Premium 40% Nitro Fuel-4 Gallons 161.95	84.80	21.20
TC2290	Premium 15% Nitro-4 Cycle-4 Gallons 71.95	47.40	11.85
TC2291	Premium 12.5% Special Heli Fuel-4 Gllns 79.95	53.80	13.45
TC2292	Premium 15% Helicopter Fuel 4 Gallons 71.95	47.40	11.85
TC2293	Premium 30% Helicopter Fuel-4 Gallons 119.95	71.60	17.90
TC2294	Premium 0% Jet Fuel-4 Gallons 67.95	44.80	11.20

### Premium:

engine power output!

### Sport:

### **HOW TO ORDER FUEL**

Order just like any other Tower item by using the stock numbers below and the case price shown. The following limitations do apply, however:

- Available in 4 gallon cases only.
   Two-case limit if shipped C.O.D.
   Shippable only to those areas served by ground UPS No Parcel Post or Federal Express shipments.
- 4) Mixed cases not available
- 5) Fuel is shipped separately from other items

#### **ROYAL 12 VOLT ELECTRIC FUEL PUMP**

- · Hi-speed filling or draining.
- Use with model or diesel fuel.

This fuel pump operates from a 12 volt power source and will allow high-speed filling or draining of your fuel tank. It includes nozzle, filtered fuel can clunk pick-up, alligator clips, and handy, built-in hooks for attaching it to a fuel can. It features a tough fuel-resistant plastic case and can be used with model or diesel fuels. Listings for other fuel products begin on page 269 of our '91 Catalog.



Stock# TC1877

Retail Price \$22.95

Now Only \$13.99

#### **TOWER HAND CRANK FUEL PUMP**

- Moves high volumes of fuel easily
- Delivers 1/4 oz. per revolution.

Made of durable glass-filled nylon, this pump uses a geared pumping mechanism to move a high volume of fuel with only a few turns of the handle. It measures a compact 3-3/16" x 1-11/16" x 1-5/8" and comes with two pre-installed nipples for easy attachment of fuel tubing. Works in forward and reverse and can be permanently mounted to your field box. Fuel tubing is included. For use with glow fuels only.



Retail Price \$11.95

Now Only \$7.99

### **DUBRO EZ FILL FUEL PUMP**

Squeezes out a drop, or up to 1.5 oz. of glow, gas or diesel fuels for fast, accurate fills. Hold tank and pump upside down for fast, easy draining! Available separately, or with "no tip" 1 gallon plastic container.

Fuel Pump TC1873 Fuel Pump w/Container

Retail\$12.95 Now Only \$9.99 Retail\$19.95 Now Only\$14.99

### SONICTRONICS **ELECTRIC FUEL PUMP**

Bidirectional, fuel-proof, nylon cases with mounting tabs. 12V Mark X operates from a power panel with a fuel pump control switch. 12V **Super X** has a built-in control switch and cord. See '91 Catalog, page 269.

Mark X TC1878 Super X TC1879

Retail\$19.95 Now Only \$13.99 Retail \$23.95 Now Only \$16.99

### **DAVE BROWN POUR N' PUMP FUEL SYSTEM**

Stock# TC1880

Pre-assembled Pour 'N Pump for glow fuel comes with one gallon fuel can, Six Shooter fuel pump, fittings and

fuel line-everything you need for fast, convenient transport and fueling. Just add glow...and go! For tubing and more, see '91 catalog, p. 267.

Retail \$21.95 TC1871

Now \$15.99

#### COX SUPER POWER 799 STARTING KIT

Cox Super Power Starting Kit contains 1/2 pint Cox Super Fuel, filler hose, 1½ V battery,

glow head clip, and .049 wrench. For use with .049 and .051 engines. For other fuel items, see our Catalog, on page 267.

Retail \$11.95 TC1872

Now \$7.99



TC1874

Buggy

 Value-priced car and buggy engines with high power. Now the world's finest engines are backed by the best support in the industry. O.S. warranties its engines to be free from defects in parts and workmanship under normal use for two years from the date of purchase to the original purchaser. Ducted fan engines excluded.



The .21 RF-B rear exhaust combines performance and value. The .10 FP-BX with recoil starter and .10 FP-B are ideal for all entry-level and .10-sized sport buggy applications. The .12 CZ-2 is ideal for competition-class buggies, while the .12 CZ-R is the hottest .12 engine yet. The .21 SE-R (side exhaust) delivers on high-speed straightaways, with a 29,500 RPM output. The best choice for intermediate off-road drivers is the side-exhaust .21 SE-B engine. All engines feature ABC construction and a heatsink head. .21-size engines do not include glow plugs.

Stock #	Description	Retail	Now
TC2189	O.S10 FP-B ABC RC Buggy Engine	\$82.95	\$49.99
TC2190	O.S10 FP-BX RC w/Recoil	124.95	69.99
TC2191	O.S12 CZ-2 ABC RC Buggy Engine	129.95	82.99
TC2192	O.S12 CZ-R ABC RC Engine w/2BK Carburetor	134.95	84.99
TC2193	O.S. 21 SE-B ABC RC SE Buggy Engine	199.95	124.99
TC2194	O.S21 RF-B ABC RC RE Buggy Engine	199.95	124.99
TC2195	O.S21 SE-R ABC RC SE Car Engine	199.95	124.99



## Control Line

 CNC production techniques ensure the highest quality and performance.

The use of state-of-the-art robotics and computerized, numerically-controlled (CNC) production equipment ensures that every O.S. control line engine meets the highest standards and results in unbeatable performance and durability. The same O.S. quality found in FP and SF engines is also available in their Control Line versions of these popular powerhouses. Control-line FP engines, in displacements from .10 to .40, include fuel efficient venturis and extra-long needles. SF Series control-line engines, available in .40 and .46 displacements, come with their own mufflers. All are highly-affordable, backed by the O.S. two-year warranty, and built to run only one way: fast! Glow plugs are not included.

way. last.	Glow plugs are not included.		
Stock #	Description	Retail	Now
TC2166	O.S10 FP-S ABC Control Line w/Muffler	\$64.95	\$37.99
TC2167	O.S15 FP-S Control Line w/Muffler	74.95	44.99
TC2168	O.S. 20 FP-S Control Line w/Muffler	82.95	47.99
TC2169	O.S25 FP-S Control Line w/Muffler	87.95	54.99
TC2170	O.S35 FP-S ABC Control Line w/Muffler	94.95	56.99
TC2171	O.S40 FP-S ABC Control Line w/Muffler	99.95	59.99
TC2172	O.S40 SF-S ABC Control Line w/Muffler	159.95	99.99
TC2173	O.S46 SF-S ABC Control Line w/Muffler	169.95	104.99
	PROPERTY AND ASSOCIATION OF THE PROPERTY ASSOCIATION OF THE PR		



## Wankel

- Unique rotary design!
- A unique engineering marvel.

The O.S. .30 Wankel is capable of producing tremendous horse-power for an engine of its size. In addition to being compact and highly power efficient, the .30 Wankel is smooth-running and quiet — a perfect example of quality O.S. engineering and innovation. The .30 Wankel is perfect for .25 - .35 size applications. Glow plugs, an expansion muffler, and radial mount are included.



Stock#TC2165 • Retail price \$329.95 • Now Only \$199.99

### Ducted Fan

Fan • All the speed you'll ever need!

 Incredible performance and unsurpassed reliability.

Ball bearing-equipped O.S. Ducted Fan Engines also feature ABC construction, and a more powerful rear exhaust design. NOTE: Due to their high-performance nature, O.S. does not offer a 2-year warranty on ducted fan engines. Glow plugs not included.

.65 VR-DF	
Engine	Retail Now \$179.95 \$114.99

Stock #	Description	Retail	Now
TC2175		\$179.95	
TC2176	.46 VR-DF ABC RC Engine	The second second	174.99
TC2177	.65 VR-DF ABC RC Engine	A CONTRACTOR OF THE PARTY OF TH	249.99
TC2178	.91 VR-DF ABC RC w/Heatsink		289.99
TC2179	.91 VR-DF ABC RC w/Small Head		282.99

Call Toll-Free: Orders Only 1-800-637-4989—Order Assistance 1-800-637-6050



O.S. FP engines offer fliers value-packed power. Specially designed for easy starts and minimal break-in, all are Schnuerle ported and are equipped with efficient barrel carbs and expansion-style mufflers. State-of-the-art production technology is evident throughout the line. Like the compact .10 FP ABC, the .35 FP and .40 FP for larger sport applications are now equipped with ABC construction, providing high compression and increased output. All engines require glow plugs.

O.S. Parts Pack include drive washer, prop washer, prop nut, screw and gasket set, thrust washer, needle, and much more to help you keep your .35-.40 FP engine in peak condition.

O.S. Engine and Carburetor Booklets include exploded parts diagrams of all engines and

carbs to help you perform maintenance on your O.S. engine or carb.

Stock #	Description	Retail	Now
TC2131	O.S10 FP ABC R/C w/Muffler	\$79.95	\$49.99
TC2132	O.S15 FP R/C w/Muffler	89.95	56.99
TC2133	O.S20 FP R/C w/Muffler	94.95	59.99
TC2134	O.S25 FP R/C w/Muffler	99.95	62.49
TC2135	O.S35 FP ABC R/C w/Muffler	107.95	66.99
TC2136	O.S40 FP ABC R/C w/Muffler	114.95	69.99
TC1781	O.S. Parts Pack for .3540 FP Engines	16.95	12.99
TC1233	O.S. Engine Booklet 2nd Edition!	7.00	4.99
TC1232	O.S. Carburetor Booklet 2nd Edition!	6.00	3.99

# SF/RF Series There's no finer value in a Sport Engine.



- Features and performance available nowhere else.
- Pumped engine efficiency available in .46 SF and .61 SF models.
- All backed by the 2-year O.S. warranty!

Now the world's finest engines are backed by the best support in the industry.



O.S. warranties its engines to be free from defects in parts and workmanship under normal use for two years from the date of purchase to the original purchaser. Ducted fan engines excluded.

The O.S. SF/RF Series engines now carry the banner for the entire O.S. line. The .25 SF, available in ringed piston and ABC versions, offers the improved power and performance that is standard throughout the SF Series. It gives your small craft the power to execute quick, precise maneuvers. The .40 SF is the state-of-the-art in mid-sized power. The .46 SF with or without pump also features higher output, easier adjustments, lower noise levels, and low vibration. Both have all the ingredients for flying success: Schnuerle porting, double ball bearing-supported crankshafts, competition Type 4D carbs, expansion mufflers, and one-piece

The .46 SF ABC-R is a new reverse crankshaft model designed for use as a pusher engine with standard props. For larger models, there are ringed piston and ABC versions of the .61 SF Side Exhaust, a long stroke engine that's available with or without pump. For outstanding

value and performance--it's O.S.! All engines require glow plugs.



Stock #	Description	Retail	Now
TC2137	.25 SF RC w/Muffler	\$142.95	\$87.99
TC2147	.25 SF ABC RC w/Muffler	174.95	99.99
TC2139	.40 SF RC w/Muffler	209.95	132.99
TC2148	.40 SF ABC RC w/Muffler	214.95	137.99
TC2140	.46 SF RC w/Muffler	224.95	137.99
TC2141	.46 SF-P RC w/Pump	284.95	174.99
TC2143	.61 SF RC Long Stroke w/Muffler	309.95	189.99
TC2144	.61 SF-P RC Long Stroke w/Pump	374.95	237.99
Stock #	Description	Retail	Now
Stock #	Description 46 SF ABC RC w/Muffler	<b>Retail</b> \$229.95	Now \$144.99
TC2149	.46 SF ABC RC w/Muffler		
TC2149 TC2150	.46 SF ABC RC w/Muffler	\$229.95	\$144.99
TC2149 TC2150 TC2151	.46 SF ABC RC w/Muffler	\$229.95 289.95	\$144.99 182.99
TC2149 TC2150 TC2151 TC2152	.46 SF ABC RC w/Muffler	\$229.95 289.95 234.95	\$144.99 182.99 144.99
TC2149 TC2150 TC2151 TC2152 TC2153	.46 SF ABC RC w/Muffler	\$229.95 289.95 234.95 309.95	\$144.99 182.99 144.99 189.99
TC2149 TC2150 TC2151 TC2152 TC2153 TC2154	.46 SF ABC RC w/Muffler .46 SF ABC-P RC w/Pump .46 SF ABC-R RC w/Muffler .61 SF ABC RC Long Stroke w/Muffler .61 SF ABC-P RC Long Stroke w/Pump .61 RF ABC RC Long Stroke	\$229.95 289.95 234.95 309.95 374.95	\$144.99 182.99 144.99 189.99 237.99
TC2149 TC2150 TC2151 TC2152 TC2153	.46 SF ABC RC w/Muffler	\$229.95 289.95 234.95 309.95 374.95 289.95	\$144.99 182.99 144.99 189.99 237.99 184.99

· Dependable O.S. performance for your helicopter.

You need dependable performance from your helicopter engine, and O.S. supplies it. All O.S. helicopter engines, from the .32 F-H (also available with rear start cone or recoil starter, and perfect for most .30-sized helicopters) to the .46 SF-H, feature the quality you expect-Schnuerle porting, efficient carbs, finned heatsink heads, and much more. The .32 F-HX features a recoil starter and is ideal for the Hirobo Shuttle. For helicopter traditionalists, the .61 SFN-H and rear exhaust .61 RFN-H feature a Type 6B carburetor, a new case, and the same bore and stroke length as the .61 FSR-H. Both are available in ABC versions. Whether you fly a .30-size or .60-size model, O.S. offers a helicopter engine that delivers power and performance flight after flight.

Stock #	Description	Retail	Now
TC2180	.32 F-H RC Helicopter Engine	\$209.95	\$124.99
TC2181	.32 F-HS RC Heli Engine w/Start Cone	249.95	144.99
TC2182	.32 F-HX RC Heli Eng w/Recoil Starter	264.95	149.99
TC2183	.46 SF-H RC Helicopter Engine	214.95	134.99
TC2185	.61 SFN-H RC Heli Engine w/6B Carburetor	289.95	174.99
TC2186	.61 SFN-H ABC Heli Eng w/6B Carburetor	299.95	184.99
TC2187	.61 RFN-H RC Heli Engine w/6B Carburetor	289.95	174.99
TC2188	.61 RFN-H ABC RC Heli Eng w/6B Carburetor	299.95	184.99



- Now a complete line of 4-cycle engines!
- The best 4-cycle performance for your models.

D.S. TWO YEAR WARRANTY

From the **26 Surpass** to the **120 Surpass**, all Surpass engines offer good fuel economy, great horsepower, consistent operation, and long life. All come with silencers and provide you with the finest quality, durability, and finish.

The FS-120 Surpass II 4-cycle engine features an improved, integrated carb and pump for better aeration, better performance, and improved fuel economy, regardless of attitude or orientation. For pattern 4-cycle pattern fliers who need added power and fuel economy, the FS-120 Surpass II fills the bill. All engines come with glow plug.

Stock#	Description	Retail	Now
TC2157	O.S. FS-26 Surpass R/C 4-Cycle w/Muffler	\$209.95	\$124.99
TC2158	O.S. FS-40 Surpass R/C 4-Cycle w/Muffler	279.95	159.99
TC2159	O.S. FS-48 Surpass R/C 4-Cycle w/Muffler	309.95	187.99
TC2160	O.S. FS-70 Surpass R/C 4-Cycle w/Muffler	349.95	219.99
TC2161	O.S. FS-91 Surpass R/C 4-Cycle w/Muffler	429.95	264.99
TC2162	O.S. FS-120 Surp. II w/Pump	579.95	374.99
TC2163	O.S. FS-120 Surp. R/C 4-Cycle w/o Pump	529.95	349.99
TC2164	O.S. FS-120 SP R/C Super-Chrgd 4-Cycle	799.95	624.99

Surpass



Now the world's finest engines are backed by the best support in the industry.

D.S. TWO YEAR WARRANTY

in the industry.

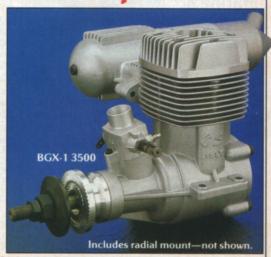
O.S. warranties its engines to be free from defects in parts and workmanship under normal use for two years from the date of purchase to the original purchaser. Ducted fan engines excluded.

# FSR Series and BGX-1 3500 Unmatched for quality and range of size.

- Outstanding engines for sport fliers and world-class competitors alike.
- Easy to start and exceptionally reliable.

The O.S. FSR Series is unmatched for quality, with ball bearing-supported crankshafts, Schnuerle porting, mufflers, and carburetors precision-fit for high power and easy adjustments. The .32 F offers ABC construction for mid-sized craft. In large scale, the 1.08 FSR puts out more power for its size and weight than comparable gas-powered engines. The 2.135 cu. in. (35CC) BGX-1 3500 for giant-scale applications offers lower vibration levels, higher output, and a lighter weight (20.7 oz. without header) than conventional gas-powered engines. The backplate radial mount matches the ST3000 bolt pattern for easy conversion. All engines require glow plug.

Stock #	Description	Retail	Now
TC2138	O.S32 F ABC RC w/Muffler	\$184.95	\$114.99
TC2145	O.S. 1.08 FSR RC w/Muffler	399.95	249.99
TC2146	O.S. BGX-1 3500 RC	499.95	319.99

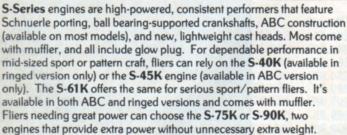


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### SUPER TIGRE"

### S-Series

- SuperTigre performance and reliability!
- Ideal for competition and sport fliers.
- Precision ball bearings for smooth operation and long life.





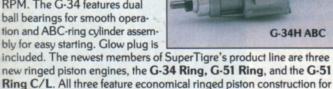


Stock#	Description	Retail Now
TC2197	S-40K Ring RC w/Muffler	\$184.95 \$109.99
TC2198	S-45K ABC RC w/Muffler	197.95 119.99
TC2200	S-61K Ring RC w/Muffler	209.95 129.99
TC2201	S-61K ABC RC w/Muffler	244.95 149.99
TC2202	S-75K Ring RC w/Muffler	269.95 169.99
TC2203	S-90K Ring RC w/Muffler	279.95 174.99
TC2208	X-61K ABC RC Rear Exhaust	244.95 154.99

### SUPER TIGRE"

### **G-Series Engines**

SuperTigre's G-34H is designed to fit many popular .30-sized helicopters. It weighs 9.5 ounces, and produces 1.1 bhp at 16,000 RPM. The G-34 features dual ball bearings for smooth operation and ABC-ring cylinder assembly for easy starting. Glow plug is



economy and performance, and come complete with muffler.					
Stock#	Description	Retail	Now		
TC2196	G-34 Ring RC w/Muffler	\$154.95	\$97.99		
TC2207	G-34H ABC Ring w/Muffler	209.95	129.99		
TC2199	G-51 Ring RC w/Muffler	187.95	119.99		
TC2209	G-51 Ring C/L w/Muffler	169.95	106.99		

### **SUPER TIGRE**™ Giant Scale

Get the performance and reliability your plane requires with Super-Tigre's giant-scale 2-cycle engines. The Schnuerle-ported 1.5 cu. in. S-2500 and 1.8 cu. in. S-3000, are designed for the most demanding use in giant-scale aircraft. They deliver high-performance power at intermediate RPM ranges, along with low fuel consumption rates and low noise levels.



For craft of 15-25 lbs. with spans from 8-12' nothing beats the G-4500. Engineered with traditional SuperTigre innovation, it's a 45cc, 2.76 cu. in. powerhouse that enables serious giant-scale enthusiasts to send their aircraft through maneuvers with ease. More than a beauty alone, the G-4500 starts easily, yet produces a thundering 4.5 HP! All three include radial mount and glow plug. Mufflers available separately.

١	Stock#	Description	Retail No	W
	TC2204	S-2500 1.5 Cubic In. R/C w/Mount .	\$339.95\$209.9	9
	TC2205	S-3000 1.8 Cubic In. R/C w/Mount .	369.95 229.9	9
	TC2206	G-4500 2.8 Cubic In. R/C w/Mount.	499.95 319.9	9

### IRVINE

### Marine & Buggy **Engines**

Irvine car/buggy engines are easy to start, easy to tune, and

feature Schnuerle porting, special air-cooled heads, big-bore carburetors (except for the .21-R ABC), and ball-bearing supported crankshafts.

All Irvine marine engines come with a flywheel, watercooled jacket, and exhaust manifold. Schnuerle porting and ball bearings are also standard equipment.

Stock#	Description	Retail	Now
TC2728	.20 BB Schnuerle Marine	\$129.95	\$89.99
TC2729	.21-R BB RE Snl Marine .	179.95	114.99
TC2730	.40 BB ABC Snl Marine	179.95	114.99
TC2731	.61 BB Schnuerle Marine	219.95	129.99
TC2732	.61 ABC BB Scnl Marine	229.95	149.99
TC2733	.21-R ABC (Cars)-No Carb.	169.95	109.99
TC2734	.25 BB Schnuerle (Cars)	134.95	89.99
	Control of a party of the last		

## Airplane Engines

G-34H ABC

Irvine aircraft engines feature Schnuerle porting for added power. All (except the Blackhead) have ball-bearing supported crankshafts; nitrite-hardened, cast-steel cylinder liners; dykes-ringed pistons (except on ABC models); and heavy-duty, forged connecting rods. Sport fliers can choose from the side exhaust .25, .40, .46,or.61. Vintage engine collectors and free-flight enthusiasts will be thrilled with the Mills .75cc Diesel. The .15 Standard control-line features power in a displacement. The .20 Blackhead features a venturi and needle value assembly and muffler.



Stock#	Description						Retail	Now
TC2719	.25 RC Ball Bearing Schnuerle w/Muffler						\$119.95	\$74.99
TC2720	.25 RC Blackhead Schnuerle w/Muffler						94.95	64.99
TC2721	.40 RC Ball Bearing Schnuerle w/Muffler						139.95	89.99
TC2722	.40 RC ABC Ball Bearing Schnuerle w/Muffler .							99.99
TC2723	.46 RC Ball Bearing Schnuerle w/Muffler						149.95	104.99
TC2724	.61 RC Ball Bearing Schnuerle w/Muffler							119.99
	.61 RC ABC Ball Bearing Schnuerle w/Muffler .							119.99
TC2726	.15 Standard							109.99
TC2727	.20 Control Line Schnuerle Blackhead w/Muffler							49.99
	Mills 75cc Diesel							64.99



K&B's Sportster .20, .28, .45, and .65 engines all feature Schnuerle porting, AAC (aluminum, aluminum, and chrome) cylinder and piston construction, new carburetors with idle adjustments, engine mounts, and quiet mufflers with rotatable exhaust outlets-plus a lifetime warranty against manufacturing defects. K&B's .40 R/C now includes an aluminum connecting rod, front and rear super bearings, all-metal K&B carb, and more improvements. The .61 R/C is ideal for pattern fliers, with ball bearings, an all-metal carb, bolt-on muffler, and glow plug. The powerful .82 Ducted Fan engines include advanced engineering such as quintuple engine porting, super ball bearings, ABC piston and sleeve, hardened steel crankshaft, and machined steel rotor disc. Weight is 23 ounces and output 4.2 horsepower. Both Cooks and Byron versions

require glov	v plugs.		Second .
Stock #	Description	Retail	Now
TC2862	.20 RC Sportster w/Muffler #5600	\$74.00	\$41.99
TC2863	.28 RC Sportster w/Muffler #2800	78.00	43.99
TC2864	.40 RC w/Muffler #4011	120.00	65.99
TC2865	.45 RC Sportster w/Muffler #5900	99.00	52.99
TC2866	.61 RC w/Muffler #6550	148.00	79.99
TC2867	.65 RC Sportster w/Muffler #5800	115.00	64.99
TC2873	.82 Ducted Fan F/Cooks & Jet Hanger #5300	325.00	224.99
TC2874	.82 Ducted Fan F/Byrons Fans #5299	335.00	229.99

**ENGINES** 

Fox Engines are an all-American Each airplane engine includes glow muffler, and the exclusive MKX ca easy starts and smoother running muffler on ball bearing Fox .25 c moved for right, left, or rear ex applications. The newest Fox .40 fe a bushing main, iron piston, and sleeve; also available is a .60 ball b version, and a Schnuerle-ported bearing ABC version that includes s Other top mid-sized choices included Fox .45 and .50 ringed piston en Both the large-size .60 and bored-or Eagle engines feature beefier cranl and stronger crankcases. The Schr ported .74 heli engine features a ho head and heavy-duty crankshaft for power. Muffler required.

value. v plug, arb for g. The can be khaust eatures d steel bearing d, ball ppinner.			.60
de the ngines. but .74 kshafts nuerle-teatsink for top	A BO - WILL	0	.45
cription		Retail \$79.95	Now \$47.99

Stock #	Description	Retail	Now
TC2993	Fox .25 RC w/MK Carb	\$79.95	\$47.99
TC2994	Fox .40 RC Bushing w/Muffler	89.95	53.99
TC2995	Fox .40 RC ABC BB Schnuerle Dlx w/Muff&Spinner	119.95	66.99
TC2996	Fox .40 RC Ball Bearing w/Muffler	104.95	56.99
TC2997	Fox .45 RC Ball Bearing Schnuerle	134.95	79.99
TC2998	Fox .50 RC Ball Bearing w/Muffler	144.95	84.99
TC2999	Fox .60 RC Eagle 4 Ringed w/Muffler SAVE \$5.00!	169.95	99.99
TC3000	Fox .74 RC Eagle 4 Ringed w/Muffler	179.95	104.99
TC3001	Fox .74 RC Helicopter Engine	169.95	99.99

### O.S. GLOW PLUGS

4-Cycle Designed for top Engine performance.

For the best performance from your engines, use glow plugs from the leading name in R/C engines:O.S. The #8 Glow Plug is a standard

Stock #	Description
TC1786	#8 Glow Plug Standard for 2 Cycle
TM2108	* 3 #8 Glow PlugsSAVE \$1.88!
TC1787	#F Glow Plug for 4-Cycle





Starting At

.20 RC

99

### TOWER R/C LONG & MC COY 4-CYCLE AND RACING

Dependable Tower Hobbies Tower RC Long Glow Plugs feature Plug platinum-alloy glow elements for smooth engine idle. McCoy 4-Cycle Glow Plugs feature goldplated stems for excellent idle and

fine overall performance in all 4-cycle engines. Nickel-plated McCoy Racing Plugs feature a larger platinum-rhodium wire for longer glow plug light and excellent idle without the idle bar. All three sold in six-packs

Queen

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#	Description	Retail	Now
7	Tower R/C Long Plugs (6)	\$16.50	\$10.99
9	* 3 packs of 6 Tower Glow Plugs SAVE \$5.00!	49.50	27.97
7	McCoy 4-Cycle Glow Plugs (6)	12.49	9.99
8	McCoy Racing Glow Plugs (6)	13.75	9.99
7			

### **K&B MARINE ENGINES**

K&B's Schnuerle-ported Inboard Marine .67 features ABC construction, metal carb, and a unique needle-valve tension nut to hold adjustment. The .21 Outboard features electric cup starting, aluminum conrod, prop shaft assembly,

> .67 RC ABC Outboard #5101 40 RC BB Marine w/Muffler #4012

slotted mo	ger skeg for extra stability. The .45-size adds ounting hinges to the .21's features. The high- 67-size includes ABC construction, all-metal water-assisted silencing. All include glow plug.	3	
Stock #	Description	Retail	Now
TC2870	.21 RC Outboard #8906	\$178.00	\$94.99
TC2871	.45 RC Outboard #8701REDUCED \$5.00!		129.99
TC2869	67 RC ARC Schnuerle Marine #5100	310.00	100 00

netal	775	
	Retail	Now
	\$178.00	\$94.99
D \$5.00!	236.00	129.99
	310.00	199.99
	315.00	189.99

126.50

69.99

.67 R/C ABC

### **COX ENGINES**

Stock #

TC1817

TM210

TC1767

TC1768

The Cox Dragonfly .049 engine with throttle features a fuel tank, my features a fuel tank, mylar reed valve fuel system, and snap starter. The QRC .049 comes with muffler, glow plug, fuel tank, and spring starter and gives smaller planes lots of power. With a snap starter,

radial mounting, and needle valve, the **Black Widow .049** is the most powerful reed valve engine available. Ideal for racing or pattern, the **Tee Dee .049** generates up to 22,500 RPM and the larger **Tee Dee .09** puts out 17,750 RPM.

TC2853	Description Dragonfly/.049w/Tank & Muff Texaco .049 Endurance Engine Queen Bee .074 w/Muffler Medallion .09 w/Throttle & Muff	Now \$18.99 18.99 29.99 32.99	Stock # TC2856 TC2857 TC2858 TC2859	Description Black Widow .049 w/Tank Tee Dee .010 Tee Dee .049 Tee Dee .051	Now \$15.99 28.99 24.99 24.99
TC2854	Medallion .09 w/Throttle & Muff Pee Wee .020 w/Tank QRC .049 w/Muff Non-Throttle .	13.99	TC2860	Tee Dee .051	24.99 25.99 24.99

PERRY PUMPS Regulator The Micro-

Oscillating Pump pre-vents flooding by delivering measured

amounts of fuel. The Regulating Pump ensures a consistent flow, regardless of attitude, tank position or fuel level. For 2-cycle engines

TC1876 TC1798

TC2872

Retail\$32.95 Now Only\$19.99 Retail\$29.95 Now Only\$19.99

### **TATONE** PITTS **MUFFLER**

Die-cast aluminum muffler designed

for use in cowled, side-mounted engines. Design allows gases to be vented out the bottom of the cowl. Clamp-on mounting insures a good fit. Sizes to fit .29-.40 and 45-.80 engines.

29-40 Retail\$19.25 TC1815 Now Only \$14.99 45-80 Retail \$21.35 TC1816 Now Only \$16.99

### OS ENGINE & CARBURATOR BOOKS

The Carburetor and Engine Exploded Views reference books include detailed parts diagrams for virtually all engines and carbs, plus

Complete parts lise. The right tool for the		
Carburetor Book	Retail	\$6.00
TC1232	Now Only	\$3.99
Engine Book	Retail	\$7.00
TC1233	Now Only	\$4.99

### **HOBBICO EXHAUST DEFLECTORS**

Made of heatresistant silicone, new Hobbico

Exhaust Deflectors feature a 45° bend that directs exhaust residue out and away from your plane's finish. Attach with

nciuded fie-wraps.	two sizes available.	
2034	Retail \$3.95	
ГС1760	Now Only \$3.49	
3590	Retail \$3.95	
TC1761	Now Only \$3.49	

McCoy Plug



### Radios & Radio Accessories

### **AIRTRONICS SERVOS**

High torque, rugged reliability, and accurate resolution have made Airtronics servos a favorite of many serious R/C aircraft, car, and boating modelers. Many servos include design features like ball-bearing shafts and coreless motors for improved efficiency and longer life. All servos feature a 23-position splined output shaft for easy servo centering and control surface adjustments.

Stock #	Description
TC3110	94141 Ball Bearing Micro Servo. \$3
TC3114	94510 HD BB Lg Scale Servo
TC3115	94102 Precision HD Stnd Servo . 1
TM2115	* Three 94102 Servos for 4
TC3118	94831 HD Ball Bearing Mini 2
TC3116	94734 HD Contest Retract Serv 4



k#	Description	Now
17	94732 HD Contest Airplne Serv.	\$49.99
116	* Three 94831 Servos for	67.97
11	94151 Expert High Speed	84.99
12	94152 Expert High Torque	89.99
	94161 Expert Lg Scale	69.99

**New XL2P with Contender** 

competition package.

Includes low throttle and

Speed Control is a complete

throttle end point adjustments.

Designed for high performance

92765/721 FM

### AIRTRONICS QUANTUM SERIES 8-CHANNEL PCM RADIO

· Versatile 8-channel system.

Airtronics' 8-channel QM8P FM pattern system offers aileron/elevator dual rates, snap roll adjustments, throttle elevator control mix, fail-safe with inhibit and reset. Four #741 servos are included. The QM8H PCM helicopter system is fully programmable and includes electronic trims, LCD bar graph meter, high-capacity NiCd, and a separate NiCd for memory.



Stock# TC3212\*\* • Retail Price \$899.95 • Now Only \$319.99

### AIRTRONICS VT2P RADIOS

VT2P pistol grip features BEC mini-receiver, servo reversing, and easy-to-read battery meter. Comes with either two #102 servos for beginners, or race-ready with one

#102 servo and Contender speed control. VT2P w/2 102 Servos Retail \$119.95 TC3077\*\* Now Only \$51.99

VT2P w/1 102 Servo, ESC Retail \$190.00 TC3078\*\* Now Only \$119.99

### AIRTRONICS VT2S RADIO

See our '91 Catalog, page 184, for details!



Features throttle kick-down, BEC receiver, plug-in transmitter and receiver crystals, and two standard #102 servos. Compatible with existing Airtronics systems. Requires 8-12 "AA" batteries.

Retail \$99.95 TC3076\*\* Now \$52.99

Airtronics' XL2P is an excellent 2-channel pistol grip with the most requested features included at an affordable price. The XL2P is designed for high-performance radio-controlled cars and boats. Among its many features are low throttle, steering rate, and

controlled cars and boats. Among its many features are low throttle, steering rate, and throttle end point adjustments; servo reversing, lightweight mini-receiver, and a pistolgrip wheel with adjustable steering tension. In addition to being available with two standard #102 servos or two mini, ball bearing, high speed #831 servos, Airtronics now offers a new competition version with one #102 servo and Airtronic's new electronic Contender Speed Control. The XL2P requires eight "AA" batteries for the transmitter.

AIRTRONICS NG XL2P 2-CHANNEL

RADIOS

Stock #	Description	Retail	Now
TC3079**	XL2P AM 2-Channel, 2 102 Servos, Pistol	\$159.95	\$78.99
TC3080**	XL2P AM 2-Channel, 2 831 Servos, Pistol	189.95	109.99
TC3081**	XL2P AM 2-Ch, 1 102 Servo, Spd Ctrl, PstlNEW!	230.00	139.99

### AIRTRONICS CL3P FM

Advanced 3-channel FM pistol grip offers 3-model program-

programming/memory, plus trim memory, two #102 servos, and proportional 3rd channel. Eight "AA" batteries required.

Retail \$399.95 Now \$239.99 TC3082\*\* Only \$239.99

### AIRTRONICS VT2R RADIO

• Includes servo reversing.



The VT2R,2-stick system is for entry level R/C car, plane, and boat modelers. Includes two standard servos and servo reversing. Available on 27 and 75 MHz frequencies. Requires 8 "AA" batteries.

Retail \$109.95 Now TC3075\*\* Only

### **AIRTRONICS RECEIVERS**

BEC-equipped #92523 2-channel AM mini receiver is now standard in Airtronics XL2P and VT2P systems. Airtronic's 1991-ready dual conversion receivers include: the #92745 4-channel micro receiver for sailplanes, small power models and electrics; #92765 6-channel

FM receiver for Vanguard radios; #92775 7-channel FM receiver for Airtronic's new VG7P; and #92985 8-channel PCM receiver for Spectra and Quantum systems.

Stock #	Description	Retail	Now	
TC3105**	2-Channel AM Mini BEC Receiver	\$49.95	\$34.99	
TC3106**	4-Channel Micro Dual Conversion Receiver	99.95	69.99	
TC3107**	6-Channel FM Dual Conversion Receiver #92765	89.95	59.99	
TC3108**	7-Channel Dual Conversion Receiver for VG7P	99.95	49.99	
TC3109**	8-Channel PCM Dual Conversion Receiver #92985	189.95	119.99	

### AIRTRONICS SPECTRA 7-CHANNEL RADIOS

Spectra (SP) 7-channel PCM systems offer dual conversion, narrow band receivers; adjustable exponential control on elevator, aileron, and rudder channels; servo reversing. SP7P is available with four #102 or four #732 servos. SP7H helicopter version includes five #735 servos. Find out more in our '91 Catalog, page 41.

	3, 1-3	to Barrellonia	
Stock #	Description	Retail	Now
TC3097**	SP7P PCM 7-Channel, 4 102 Servos. SAVE \$50.00!	\$679.95	\$299.99
TC3098**	SP7P PCM 7-Channel, 4 732 Servos	919.95	479.99
TC3099**	SP7H PCM 7-Channel, 5 735 Servos	999.95	499.99

#### **AIRTRONICS GYROSCOPES**

The SG-1 is a precision ball-bearing system with outstanding flight performance and maneuverability. Total weight of gyro, control and mixer is 3.69 oz. The SG-X includes a fifth servo for independent rudder control, and features regulated gyro motor voltage supply, easy-mounting connector system, reverse switch and gain adjustment. Gyro and control box weigh 3.0 oz. SG-X with Micro Servo is ideal for electric helis like



Kyosho's EP	Concept.		
Stock #	Description	Retail	Now
TC3119	96252 SG-1 Gyro System	\$149.95	\$104.99
TC3120	96253 SG-X Gyroscope	99.95	69.99
TC3121	96254 SG-X Gyro w/Micro ServoNEW!	119.95	79.99

#### **AIRTRONICS INFINITY 6-CHANNEL RADIOS**

Include NiCds, trainer systems, and more.

Ergonomically-designed Infinity aircraft radios offer incredibly versatile performance at a surprisingly affordable price. Both the FM and PCM versions offer non-volatile memory storage for progamming data on up to 4 models, plus electronic servo centering, Airtronics Gold Label dual-conversion receivers, program access protection, user selectable Mode I/Mode II operation, full NiCds, 6 mixing functions, failsafe, trainer system, and much more.





# VANGUARD RADIOS

Perfect for beginning and sport fliers, the Vanguard VG4R and VG6DR FM's utilize Airtronics' reliable Gold Label super narrow band dual conversion receiver for superior aircraft performance and control. The new VG4R for sailplanes comes with two new lightweight Microlite servos, 250 mAh receiver battery pack and new micro 4-channel receiver. The new VG4R for electric planes includes two 501 servos specifically designed for electric aircraft and an MA6 electronic

speed control. The VG6H for helis comes equipped with tail-rotor compensation, servo reversing, dual rates, throttle hold, idle up, pitch trim, hi-pitch trim and a gyro-select switch. All Vanguard FMs feature high quality rechargeable NiCd batteries, servo reversing on all channels, dual conversion super narrow band FM receiver, adjustable length and tension sticks, high quality precision gimbals and trainer system.

Vanguard PCM's are specially designed to meet the needs of competition fixed-wing aircraft system operation. They feature transmitter low voltage alarm, programmable fail/safe, dual conversion super narrow band FM/PCM receiver, FM/PCM or FM/PPM select switch, receiver low voltage alarm, high quality rechargeable NiCd batteries, servo reversing on all channels, precision gimbals and adjustable length and tension sticks.

VG6H	VG4R	VG6DR
37999 VGGH	AIRTRONICS Varguard  16999  VG4R	AIRTRONICS Varguerd  75899  VG6DR

Stock #	Description	Retail	Now
TC3083**VG4R	FM 4-Ch. 2 501 Servos NEW.	\$329.95	\$189.99
	AM 4-Ch. 2 501 Srvs MA-6NEW.		189.99
TC3085**VG4R	PCM 4-Ch. 3 102 Servos	349.95	149.99
TC3086**VG4R	PCM 4-Ch. 2 831 Servos	369.95	209.99
TC3087**VG4R	FM 4-Ch. 3 102 Servos	249.95	118.99
	FM 4-Ch. 2 831 Servos		169.99
TC3089**VG6H	FM 6-Ch. 4 102 Servos, Heli	399.95	229.99
TC3090**VG6H	PCM 6-Ch. 4 102 Servos, Heli.	499.95	289.99
TC3091 ** VG6H	FM 3 407 Srvs, SGX, MA-5, Heli	649.95	379.99
TC3092**VG6P	PCM 6-Ch. 4 102 Servos	449.95	233.99
TC3093**VG6D	R FM 6-Ch. 4 102 Servos	319.95	158.99
TC3096**VG7P	FM 7-Ch. 4 102 Servos, NiCd.	399.95	229.99

# курхно

 Available on 75 and 27 mHz.

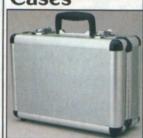


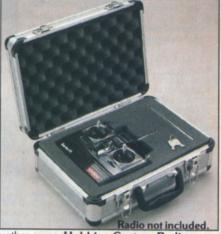
The Impulse II has the same features found on more expensive 2-channel systems. Its two compact servos and mini-receiver fit easily into almost any model and keep weight low. The comfortably-styled transmitter features servo reversing and throttle kickdown switch for throttle/brake or forward/reverse and steering. Battery eliminator circuitry (BEC) is included and a handy NiCd charging jack is built in. Available with Kyosho's RS-M on-board set for Kyosho R/C motorcycles. Included are a mini-receiver with built-in speed control with forward and brake and a mini steering servo. Requires 12 "AA" batteries or 8 batteries with BEC-equipped models.

Stock#DescriptionRetailNowTC1942\*\* Kyosho Impulse II 2 Ch, 2 Servos, 2 Stk\$82.95\$49.99TC1943\*\* Kyosho Impulse II 2 Ch w/Cycle RS Set109.9579.99

# Hobbico ®

Custom Radio Cases





Priced significantly less than other cases, Hobbico Custom Radio Cases provide three layers of radio protection, wrapped around an extruded aluminum frame: an attractive aluminum outer skin, dense mahogany liner, and 5/8" thick, foam panels form an efficient barrier against impact damage. Lockable, luggage-quality hinges and latches are tough, designed to hold tight through years of hard use. The Single Custom Radio Case, at 13½" long, 10¼" wide and 5¾" high, comes with 3 full-size foam pads. Measuring 16½" long by 12½" wide and 5¾" high, the Double Custom Radio Case features 4 half-sized foam pads and notched foam side panels for flexible divider positioning. Protect your radio investment with the most affordable insurance around — Hobbico Custom Radio Cases.

Stock#DescriptionRetailNowTC1938Hobbico Custom Radio Case (Single). . . \$64.95\$49.99TC1939Hobbico Custom Radio Case (Double). . . . 79.9559.99

Call Toll-Free: Orders Only 1-800-637-4989—Order Assistance 1-800-637-6050

## Futaba.

Our Best Selling 4-Channel Radios!

### **4NBL "ATTACK" RADIOS**

- Specially designed for three different types of aircraft, the 4NBL has something for everyone!
- All with servo reversing, rechargeable transmitter NiCd pack, adjustable stick gimbals, and more.

Futaba's 4NBL radio system is customized for fliers of all types of aircraft. This 4channel, narrow-band system is equipped with servo reversing, a rechargeable transmitter NiCd pack, adjustable stick gimbals, and more. As the perfect system for all conventional aircraft, the 4NBL with three S148 servos includes an R114H receiver and full NiCds. Tower also now stocks the 4NBL on 75 MHz. Great for Kyosho's Blizzard and boats. Call for availability.

A second version of the 4NBL includes two S133 mini servos (weighing just 0.6 oz. each) and is designed for sailplane and small aircraft enthusiasts. Also included is the

R114H receiver plus a 250 mAh NiCd pack.

The third version is destined to become a favorite among electric fliers. Available with two S133 mini servos, this 4NBL features an MCR-4A integrated receiver which combines the 4-channel receiver and a MOSFET electronic speed control into a very compact and lightweight package. It also incorporates battery eliminator circuitry which eliminates the need for, and extra weight of, a receiver battery.

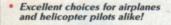
Stock #	Description	Retail	Now
TC2340**	4NBL 4-Ch/2 S133 Servo/Speed Control/2 Stick	\$299.95	\$164.99
TC2341**	4NBL 4-Ch/2 S133 Servos/2 Stick	259.95	139.99
TC2342**	4NBL 4-Ch/3 S148 Servos/2 Stick	244.95	99.99

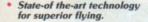


### Futaba.

### 7-CHANNEL RADIOS

**7UAPS** 





Futaba's 7-channel radio systems combine convenience with state-of-the-art technology. The sophisticated **7UAP** offers programmable mixing, snap-roll function, timer, dual rates, exponential, and more, including stepless PCM 1024 technology for outstanding control and response. Control airplanes, helicopters, or sailplanes with the incredibly versatile 7UAFS FM and 7UAPS PCM systems, which feature

programmable memory for up to 4 different models!

Serious helicopter fliers can enjoy top radio technology with Futaba's **7UHF** FM system. Similar in design to the 7UAP, it adds such features as invert switch, hover system. Similar in design to the 7UAP, it adds such features as invert switch, hover memory, pitch mixing, tail-rotor mixing, and more. The affordable **7UHP** adds stepless PCM control to the 7UHF's features, for the ultimate in precision

performance.

Each of these 7-channel radio systems is ready for 1991 and ready to take you soaring into the 21st century.

Stock #	Description	Retail	Now
TC2351**	7UAP PCM 7-Channel/4 S148 Servos/2 Stick	\$699.95	\$369.99
TC2352**	7UHF FM 7-Ch/4 S5101 Servos/2 Stick/Heli	649.95	349.99
TC2353**	7UHP PCM 7-Ch/5 S5101 Servos/2 Stick/Heli	799.95	434.99
TC2354**	7UAFS FM 7-Ch/4 S148 Servos	599.95	319.99
TC2355**	7UAPS PCM 7-Ch/4 S148 Servos	699.95	379.99

### **FUTABA 9VAP & 9VHP RADIOS**

The 9-channel **9VAP** transmitter stores function selections for up to six planes. The 9VAP is available in a version with four S9101 servos or four S5101 servos. Helicopter fliers can get the same features in the **9VHP**, which includes five S9201 servos and 1000 mAh battery. All are 1991 narrow band 20 mHz systems and include the R129DP receiver. Learn more

on page 189	9 of our '91 Catalog!		
Stock #	Description	Retail	Now
TC2361**	9VAP 9-Ch PCM/4 S9101 Servos/2 Stick	\$1079.95	\$669.99
TC2359**	9VAP 9-Ch PCM/4 S5101 Servos/2 Stick	999.95	649.99
TC2360**	9VHP 9-Ch PCM/5 S9201 Servos/2 Stick-Heli	1199.95	749.99

### Futaba 2PBKA MAGNUM JUNIOR AND 2PB MAGNUM SPORT

For competition features and performance, the 2PBKA Magnum Jr. and 2PB Magnum Sport can't be beat! Both feature light, well-balanced pistol grip transmitters for fatigue-free operation and a solid feel.

operation and a solid feel.

The 2PBKA comes with BEC (battery eliminator circuitry). You can do precise adjusting with its superfine, ratchetless trims for steering and throttle ATV. It is available with two S148 or two S132H servos. Two versions that include an MC112B MOSFET speed control come with your choice of one S148 or one S132H servo

The 2PB (with BEC) comes in a standard version with servo reverse and two S148 servos, a version with MC112B MOSFET speed control and one S148 servo, and a new monster

trucker's version with one S148 servo and one S9301 heavy-duty steering servo. All are available on 27 and 75mHz. Transmitters require 8 "AA" batteries.



### **FUTABA 5NLH & 6NHP RADIOS**

The 5-channel 5NLH includes 3-channel mixing, hover memory, throttle hold, idle up, NiCds, servo reversing, and four S148 servos. New 5NLH (ideal for Concep EP pilots!) offers four S133 mini servos, an MC114H speed control, and a R127DF dual-conversion receiver for top electric heli performance. (Requires Futaba G155 mini gyro. See page 34.) The 6NHP PCM offers servo hold, fail-safe, servo reversing, aileron and elevator dual rates, throttle hold, four \$148 servos, NiCds, and

charger. See	page 188 of our Catalog for more details.		
Stock #	Description 6NF	IP Retail	Now
TC2345**	5NLH FM 5-Ch/4 S148 Servos/2 Stick/Heli	\$399.95	\$224.99
TC3202**	5NLH 5-Ch/4 S133 Servo/Speed ControlNE	W! 549.95	359.99
TC2348**	6NHP PCM 6-Ch/4 S148 Servos/2 Stick/Heli	599.95	289.99





### 4NBF & 4NBP 4-CHANNAL RADIOS

- FM and PCM systems at an afforbable price.
- Ready for 1991.
- Feature servo reversing, adjustable sticks, trainer system, andmore.
- Come with three servos and full NiCds.
- 4NBP PCM system equipped with fail-safe.

Starting At

Don't Pay As Much As \$144.00 For This Radio!



Futaba's 4-channel 4NBF and 4NBP systems offer you incredibly versatile and dependable control for 1991 and beyond.

Both systems offer the features fliers want most, including servo reversing, full NiCds, adjustable sticks (for customizing the feel of the transmitter to your own touch), and trainer system, which allows the transmitter to be linked to that of an instructor for safe training flights. Also included are Futaba's 1991-ready dual-conversion, narrow-band receivers: by filtering and strengthening control signals for improved resistance to signal interference, they provide you with new levels of precision control and response for outstanding flying.

The 4NBF FM system comes with three responsive, high-torque S148 servos and Futaba's compact R127DF dual-conversion narrow-band receiver. The 4NBP PCM stem adds fail-safe to the control features mentioned above. It also includes three \$148 servos plus Futaba's R124DP dual-conversion narrow-band receiver. For the latest in high-tech 4-channel aircraft control, turn to Futaba — a leader in 1991 radio

technology.			
Stock #	Description	Retail	Now
TC2343**	4NBF FM 4-Ch/3 S148 Servos/2 Stick	\$249.95	\$119.99
TC2344**	4NBP PCM 4-Ch/3 S148 Servos/2 Stick	359.95	189.99

#### **FUTABA 5UAF & 5UAP RADIOS**

'91-ready 5-channel systems feature dual-conversion receivers, NiCds, and more.

Futaba's finest 5-channel systems offer particular pilots incredible flexibility and value. **5UAF FM** features include dual-conversion receiver, four S148 servos, dual rate, servo reversing, plug-in RF module, NiCds, trainer system, and more. Sharing these features, the 5UAP PCM adds the outstanding control and response possible only with Futaba's stepless 1024 technology. Smoked tuning panel covers and protects adjustments for extra security.



		<b>Retail</b> \$399.95	Now \$219.99
TC2347**	5UAP PCM 5-Ch/4 S148 Servos/2 Stick	499.95	269.99

### **FUTABA 6NFK & 6NPK**

These 1991-ready, 6-channel radios feature dual rates on aileron and elevator, other features include retract switch, trainer system, adjustable sticks, full NiCds, four precision S148 servos, and narrow-band, dualconversion receivers. The 6NFK FM

499

includes servo reversing on five channels and R127DF receiver. The 6NPK PCM features servo reversing on six channels, ATL on throttle, and R127DP PCM receiver. See our '91 Catalog, page 188,

Stock #	Description	Retail	Now
TC2349**	Futaba 6NFK FM 6-Ch/4 S148 Servos	\$329.95	\$169.99
TC2350**	Futaba 6NPK PCM 6-Ch/4 S148 Servos	459.95	234.99

### **FUTABA** FP-3EGX **3-CHANNEI RADIO**

Great for boats!



Features an engine warm-up switch, dual rates, exponential control, adjustable servo travel, receiver, and switch harness. Available with two high-torque, ball bearing, coreless S31S servos, and full NiCds.

Retail \$449.95 Now \$279.99 Only \$279.99

### **FUTABA 2NBR** 2-CHANNEL RADIO

Perfect for 2-channel aircraft, cars and boats.

The 2NBR 2-channel radio features a BEC

Canal #	Dtt
equipped models. N Catalog, page 186.	More details in our '91
"AA" dry batteries or	12 batteries for non BEC-
	o reversing. It requires 8

Stock #	Description
TC2334**	2NBR AM 2-Ch 2 S148 Servos, 2 Stick
TC3194	"AA" Alkaline Batteries (4)

Retail \$114.95 \$54.99 2.95

### **FUTABA 2NCS RADIO**

The 2NCS is Futaba's most economical 2stick, 2-channel radio system. Available on

either 72 or 75 mHz, the 2NCS includes Futaba's R102JE BEC receiver, measuring 1.4" x 1.86" x .78" and weighing .88 oz., and two S148 servos

2PD

2 NCS
TC2335**
"AA" Batteries
TC3194

Retail\$89.95 Now Only \$39.99 Retail \$2.95 Now Only \$2.39

Starting At **Q**99

**6NFK FM** 

#### **FUTABA 3PB MAGNUM RADIO**

Advanced components for world-class racing. Fine-tune to suit individual driving styles.

This revolutionary pistol grip features stepless PCM resolution for unparalleled response. Twin servo steering control, four-wheel steering mixing, and torque-steer compensation allow the 3PB to handle boats, monster

trucks, 1/8-scale gas racers, 1/10-scale buggies, and practically anything on wheels. TX NiCd included. Available with two S9301, S9601, or S132H servos.Now available on 27 mHz and 600# changels.

Stock #	Description	Retail	Now
TC2337**	3PB PCM 3-Ch w/2 S9301 Servos/Pistol	\$499.95	\$264.99
TC2338**	3PB PCM 3-Ch w/2 S9601 Servos/Pistol	499.95	264.99
TC2339**	3PB PCM 3-Ch w/2 S132H Servos/Pistol	449.95	234.99

### **FUTABA 2PD RADIOS**

ATTACK

The 2PD Magnum is the racer's choice in a 2-channel pistol grip. Complete adjustability with dual rates, servo reverse, and adjustable servo travel all offer drivers precise control. It comes with the R102JE receiver (available on 27 and 75 mHz). Choose the 2PD with two S9301, S9601, or S132H servos, or a model that comes with a single S132H servo to cut the cost of

competitive	racing. All require 8 AA batteries.	CHEST MANAGEMENT	
Stock #	Description	Retail	Now
TC2331**	2PD 2-Ch/2 S9301 Servos/Pistol	\$299.95	\$159.99
TC2332**	2PD 2-Ch/2 S9601 Servos/Pistol	299.95	159.99
TC2333**	2PD 2-Ch/2 S132H Servos/Pistol	249.95	137.99
TC2330**	2PD 2-Ch/1 S132H Servos/PistolNEW!	224.95	119.99
TC3194	"AA" Alkalina Rattorios (A)	205	2 20



Futaba has the servo you need for any and every application.



Check out these low prices!

### SUPER SERVO SAI

Quality Futaba servos are Tower-priced! Check the list below for savings on servos that perfectly match your system's requirements. Save even more when you buy multiples! Note: J-series and FM radios require specific servos as noted below.

Servo	Connector	Description	Dimensions	Weight	Torque	<b>Transit Time</b>	Stock #	Retail	Now
S28	Standard(G)	Standard	.75"X1.56"X1.56"	1.8oz.	48.7oz in.	.24 sec./60°	TC2375	\$39.95	\$15.99
***	Buy 3 S28	Standard Servos and S	AVE \$2.98 ***				TM2110	119.85	44.99
S33	Standard(G)	Micro Precision	.50"X1.06"X1.12"	.6oz.	27.8oz in.	.22 sec./60°	TC2378	59.95	28.99
***	Buy 3 S33	Micro Precision Servos	and SAVE \$9.0	0 ***			TM2111	179.85	77.97
S34	Standard(G)	Quarter Scale	1.14"X2.32"X1.97"	2.7oz.	112.6oz in.	.22sec./60°	TC2379	64.95	33.99
S125	J/FM	Arm type Sail Control	.88"X1.75"X1.69"	2.3oz.	129.3oz in.	.62 sec./60°	TC2380	59.95	47.99
S128	J/FM	Standard	.75"X1.56"X1.56"	1.8oz.	48.7oz in.	.24 sec./60°	TC2381	39.95	15.99
***	Buy 3 S128	Standard Servos and	SAVE \$2.98 ***			Para de la companya d	TM2112	119.85	44.99
S130	J/FM	Dual Ball Bearing	.77"X1.52"X1.36"	1.4oz.	55.6oz in.	.24 sec./60°	TC2382	59.95	29.99
S131S	J/FM	Coreless Ball Bearing	.79"X1.59"X1.40"	1.7oz.	69.5oz in.	.22 sec./60°	TC2383	79.95	42.99
S132H	J/FM	High Speed Mini	.68"X1.43"X1.18"	1.1oz.	25.0oz in.	.13 sec./60°	TC2385	54.95	29.99
S133	J/FM	Micro Precision	.50"X1.06"X1.12"	.6oz.	27.8oz in.	.22 sec./60°	TC2386	59.95	28.99
***	Buy 3 S133	Micro Precision Servo	s and SAVE \$9.	00 ***		- Divini	TM2113	179.85	77.97
S134	J/FM	Quarter Scale	1.14"X2.32"X1.97"	2.7oz.	112.6oz in.	.22 sec./60°	TC2387	64.95	33.99
S136G	J/FM	Compact Landing Gear Retract	.87"X1.75"X1.00"	1.48oz.	76.4oz in.	.50 sec./60°	TC2388	69.95	49.99
S148	J/FM	Precision	.77"X1.59"X1.58"	1.5oz.	42.0oz in.	.22 sec./60°	TC2389	39.95	15.99
***	Buy 3 S148	<b>Precision Servos and</b>	SAVE \$2.98 ***			e istan halibe and	TM2114	119.85	44.99
S5101	J/FM	Dual Ball Bearing	.77"X1.52"X1.36"	1.4oz.	55.6oz in.	.24 sec./60°	TC2373	59.95	28.99
S9101	J/FM	Coreless, Ball Bearing	.77"X1.52"X1.36"	1.5oz.	41.7oz in.	.17 sec/60°	TC2370	- 79.95	44.99
S9201	J/FM	Coreless, Ball Bearing	.79"X1.59"X1.40"	1.7oz.	69.5oz in	.22 sec./60°	TC2371	79.95	43.99
S9301	J/FM	Coreless Ball Bearing	.79"X1.59"X1.40"	1.7oz.	69.5oz in.	.22 sec./60°	TC2372	79.95	44.99
S9601	J/FM	Coreless Mini	.62"X1.21"X1.18"	1.1oz.	36.1oz in.	.17 sec./60°	TC2374	79.95	44.99

### **FUTABA** RECEIVERS





STARTING AT 6499

G154

From the 2-channel BEC R102JE to the 9-channel R129DP PCM 1024, Futaba receivers are all designed to deliver quick response and resist signal interference. They are also sized to suit the needs of any modeler.

	COMMENT OF THE OWN OF				
Stock #	Description	Now	Stock #	Description	Now
TC2362**	R102 JE 2 Ch Rx	\$44.99	TC2365**	R105IP 5-Ch, PCM Rx	\$139.99
TC2366**	R128DF 8-Ch FM Rx	129.99	TC2364**	MCR-4A 4-Ch Rx/Sp Ctrl	109.99
TC3201**	R128DP 8-Ch PCM Rx	169.99	TC3199**	R113IP 3-Ch PCM Rx	139.99
TC2367**	R129DP 9-Ch PCM Rx	199.99	TC3200**	R127DF 7-Ch FM Rx	104.99
TC2363**	R114H 4-Ch AM Rx	69.99	A PARTIE A		

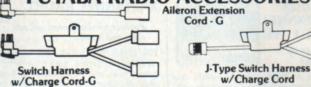
#### **FUTABA GYRO**

Great for use with Kyosho's Concept 30 Helicopter.

These gyroscopes can be connected to any one single function to keep the model stable in one axis (roll, pitch, or yaw). Helicopter fliers can connect it to the tail rotor. Included are the gyroscope control box and control amplifier. A variety of gyros compatible with

Futaba J an	d FN/G systems are available.		
Stock #	Description	Retail	Now
TC2390	Gyro Stabilizer — J,FM (G152)	\$129.95	\$89.99
TC3222	Gyro Stabilizer - Miniature 4.8-6V (G155) Electrics	129.95	89.99
TC2391	Gyro Stabilizer — BBearing, J.FM (G153)	149.95	99.99
TC2392	Gyro Stabilizer — Single Axis, J,FM (G154)	89.95	64.99

# FUTABA RADIO ACCESSORIES Aileron Extension Cord - G



Quick frequency changes are possible with an AM or FM Crystal Set. For receiver or transmitter power, use Futaba's standard replacement NiCds. Aileron extensions increase the distance between the aileron servo and receiver to make removal of your airplane's wing easier. Futaba's **Switch Harness** is available with or without a charge cord. Futaba offers a wide range of accessories for their radio systems: see below.

Stock #	Description	Retail	Now
TC2368**	FM Crystal Set	\$28.50	\$19.99
TC2369**	AM Crustal Set	17.00	13.99
TC2398	NR-4J 500mAh 4.8V Rx Nicd-FM_J	19.95	16.99
TC3203	NR 4M Rx NiCd-500mAh w/Mini Connectors	19.95	15.99
TC2399	NR4QB Rx NiCd Square 4.8 Volt 500mAh	19.00	16.99
TC3204	NR-4I Rx NiCd 4.8V 1000mAh J-Series	44.95	32.99
TC2400	NT-8H 500mAh 9.6V Tx NiCd-J,G,PCM	36.95	29.99
TC2401	NT-8LP Transmitter NiCd-9.6V 500mAh 2 PKA	36.95	29.99
TC2402	FPC8M Servo Connector - Male J, FM	4.00	3.69
TC2403	AEC1 Aileron Extension-G Series	6.75	5.99
TC2404	AEC3 Aileron Extension-J, FM	6.75	5.99
TC2405	Dual Servo Extension-J, FM	13.00	11.49
TC2406	AEC10 Servo Adaptor Standard J, FM	6.00	4.99
TC2407	SWH1 Switch Harness w/Charge Cord, G	9.50	7.99
TC2408	SWH5 Switch Harness-J, FM w/Charge Cord	10.00	8.49

# ADVANCE: YOUR BEST BUY IN 1991 RADIOS

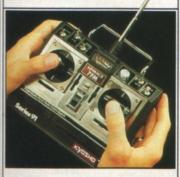




This Gold Label means that Advance radios have met 1991 narrow band requirements!



The 6FM-H flight pack includes five KS-100 servos with 38 oz./in. of torque, a 1000mAh battery and a dual conversion receiver.



Controls on Advance radios are located for quick, easy access.

### Advance radios are now AMA certified and listed for 1991!

Kyosho Advance Series radios offer the greatest overall reliability and convenience for your money. Each one includes a 1991-certified dual-conversion receiver — an investment in radio equipment that will pay big dividends in interference rejection and

improved control response in the years ahead.

Advanced design places every function exactly where you need it, yet allows the flexibility needed to customize your transmitter to your own personal needs. Height adjustments on the control sticks allow you to fine-tune for the correct feel, while molded finger grips on the back of the transmitter add greater comfort. A carrying handle and hook included for neck straps (not supplied) add to your convenience.

The new Advance 6FM-H, a complete 6-channel radio system for beginner and intermediate heli fliers, offers more functions than other beginner systems. Its features include collective pitch to throttle mixing, pitch trim and pitch curve adjustments, revolution mixing, throttle hold (for autorotations), and independent high/low throttle endpoint adjustments. A gyro switch controls sensitivity in flight for gyros with two settings. It also features servo reversing on all six channels.

on all six channels.

The 5-channel PCM transmitter includes a variable hold/fail-safe feature. Should your signal be interrupted in flight, the variable hold will maintain the last servo position until the interference subsides. If the interruption is longer than 0.8 second, the fail-safe takes over. The receiver responds to pre-set function commands, giving you the time to escape from danger.

The 7-channel FM includes aileron/rudder mixing, V-tail mixing engaged with an on/off switch, and a travel adjustment for both elevator and aileron.

Both the 5PCM and the 7FM come with four KS-100 servos providing 38 oz.-in. of torque. The servos feature indirect pot drive and a bushing on the output shaft for smoother operation and long life. The 7-channel's receiver is 1991 narrow band, with crystal filtering and dual conversion. The 5-channel includes an FM/PCM receiver with dual conversion. Both include full transmitter and receiver NiCds and charger. The 6FM-H comes with five KS-100 servos, a larger capacity 1000 mAh receiver battery pack and a dual conversion receiver specially designed for helicopters.

Whatever type of system you're looking for, get the aircraft and heli systems that offer you 1991-ready technology at a low Tower price.

Stock #	Description	Retail	Now
TC1944**	Kyosho Advance 5-Channel PCM w/4 KS-100 Servos	\$299.95	\$179.99
TC1946**	Kyosho Advance 6-Channel FM w/5 KS-100 Servos	399.95	249.99
TC1945**	Kyosho Advance 7-Channel FM w/4 KS-100 Servos	319.95	189.99
TC1950**	Kyosho 5-Channel PCM Receiver	69.95	59.99
TC1951**	Kyosho 7-Channel FM Receiver	51.95	44.99
TC3003	Kyosho KS-100 Standard Servo	27.95	19.99

### Radios & Radio Accessories

### **COX SIDEWINDER 2-**CHANNEL RADIO

- · Sidewinder-a "twist" in 2-channel comfort.
- Includes micro servos, "AAA" battery box.

The best radio match for Cox's .049 Nissan GTP and .049 Stocker! Ergonomically-designed Sidewinder 27 MHz 2channel pistol grip radio is ideally balanced, with an angled head that positions control wheel for maximum operator comfort. Changeable crystals make frequency changes a breeze. Receiver, 2 micro servos, and "AAA" battery box included. Eight "AA" and four "AAA" batteries required.



Stock# TC1932\*\* • Retail Price \$135.95 • Now Only **\$79.99** 

### COX CADET 2-CHANNEL RADIO

Ideal for use with many Cox aircraft, the Cadet 2-channel radio system uses low-cost "AA" alkaline cells, combining value with affordability. Durable, black plastic transmitter case features a handy carrying handle, power output meter, and lightweight construction for pilot convenience. Also included are two micro servos, receiver, frequency flag and TX numbers, plus "AA" battery box. Requires 12 "AA" batteries.



Stock# TC1931\*\*

Retail Price \$127.95

Now Only \$69.99

### **TEKIN MINI RECEIVER**

 Ideal for tight surface applications. ·Ultra-light, to minimize parasitic weight!

When space and weight limitations are a consideration, Tekin's Mini Receiver comes through. Just 1.0" x 1.125" x .4375" in size, it fits in the tightest hull and body installations...and at just .5 oz. in weight, it helps conserve battery power for greater speeds and longer runs. Available on 75 MHZ frequency, complete with a Futaba J



Stock# TC1973 •

Retail Price \$74.00

Now Only \$46.99

### KYDZHO SERVOS

 High-quality servos for car and aircraft use. Dependability for all

R/C applications. Make it move with

Kyosho muscle!

KS-30

Kyosho's **KS-91** spans the entire spectrum of R/C racing, sailing, and flying. Standard equipment in Kyosho's Pulsar and Impulse II 2-channel radios, it weighs just 1.6 oz., and provides a hefty 34 oz.-in of torque from a space of just 1.56"x 1.44" x .50".

Able to generate 38 oz.-in. of torque, the KS-100 servo has muscle enough to handle any sport

flying application. Features include indirect pot drive, and a bushing on the output shaft for smoother action. Weight is 1.61 oz.; dimensions are 1.6" x 1.9" x.8".

By contrast, the KS-10 is a coreless micro servo that measures only 1.1" x 1.03" x.47". Its small size and light weight (.5 oz.) make it one of the smallest micros available, yet it delivers a

whopping 26.6 oz.-in of torque for themost demanding applications.

Applications that demand mini servos demand the KS-30; on demand, it will deliver 16 oz.-in of torque fast as a snake yet, at just .8 oz. and 1.34" x 1.26" x.55" it can fit in 1/12 scale cars, sailplanes, and virtually any model requiring mini-size and maxi-muscle.

Stock #	Description	Retail	Now
TC3002	Kyosho KS-91 Standard Servo	\$27.95	\$19.99
TC3003	Kyosho KS-100 Standard Servo	27.95	19.99
TC3004	Kyosho KS-10 Micro Servo-Kyosho Connector	69.95	39.99
TC3005	Kyosho KS-10 Micro Servo-Futaba J Connector .NEW!	69.95	39.99
TC3006	Kyosho KS-10 Micro Servo-Airtronics Connector	69.95	39.99
TC3007	Kyosho KS-30 Mini Servo-Kyosho	39.95	19.99
TC3008	Kyosho KS-30 Mini Servo-Futaba G	39.95	19.99
TC3009	Kyosho KS-30 Mini Servo-Futaba J	39.95	19.99
TC3010	Kuosho KS-30 Mini Servo-Airtronics	39.95	19.99

### TME GUARDIAN ANGEL

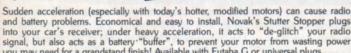
Don't lose your favorite plane to weak batteries...install the Guardian Angel's 6-way protection and fly with confidence. Unique audible voltmeter not only keeps you constantly aware of receiver battery condition, but also reminds you that receiver is on. Included battery cycler helps extend battery life, as well. Sophisticated alarms signal clearchannel status before you fly, allows you to test range befor you fly...and provide a loud sound beacon if your plane goes down out of eyesight! A "must-have" for the well-equipped pilot!



Stock# TC3211 Retail Price \$39.95 Now Only \$31.99

### **NOVAK STUTTER STOPPER**

- Prevents premature battery depletion during races.
- No more "glitching" when you accelerate.



you may no	eed for a grandstand finish! Available with Futaba G or u	niversal plu	igs.
Stock #	Description	Retail	Now
TC1959	Novak Stutter Stopper—Futaba G	\$12.00	\$8.99
TC1960	Novak Stutter Stopper—Universal	13.50	9.99

Cobra Two

### **COX COBRA TWO & THREE GOLD LABEL RADIOS**

Shaped for hours of fatigue-free flying, the Cobra Two and Cobra Three offer sensitive response, exciting performance and AMA approved channels. Both systems feature servo reversing switches, receiver, NiCd charging port, two micro servos and "AAA" airborne battery box. Cobra Two offers two channel, single stick control. Cobra Three adds ortional fingertin control of third channel

and a lighte	r receiver design.	-	
Stock #	Description	Retail	Now
TC1933**	Cox Cobra Two Channel Radio	\$169.99	\$79.99
TC1934**	Cox Cobra Three Channel Radio	175.99	89.99

### **ROYAL MAXI TITAN SERVOS**

Built for the most demanding R/C applications, Royal's new Maxi Titan servos feature a bearing-supported output shaft for additional support. Put 'em in 1/4 scale cars, boats or your biggest monster truck; Maxi Titans deliver an incredible 112 oz.-in. of torque with a travel time of just .22 seconds/60". Compared to a weight of just 3.7 oz., they're one of the most compact parcels of model muscle around! vailable with 5 connector choices

, wandore .	Till o collificator ciroreco.		
Stock #	Description	Retail	Now
TC1967	Royal Maxi Titan—Futaba J	\$32.95	\$24.99
TC1968	Royal Maxi Titan—Futaba G	32.95	24.99
TC1969	Royal Maxi Titan—Circus (JR)	32.95	24.99
TC1970	Royal Maxi Titan—Airtronics	32.95	24.99
TC1971	Royal Maxi Titan—Aristo (New Style)	32.95	24.99

### NOVAK **3-CHANNEL FM RECEIVER**

Novak's FM narrow-band receiver is 1991certified and has approximately the same compact dimensions and light weight as their popular NER-2S AM unit. It uses the same popular NCR-25 AM unit. If uses the same brand crystal as the plug type and is compatible with any FM transmitter, including the Futaba PCM. Available on 27 and 75

mHz.	mHz.			
Stock # TC1963 TC1964	Description 3-Ch FM Receiver—Futaba J Plug 27 mHz 3-Ch FM Receiver—Futaba J Plug 75 mHz	<b>Retail</b> \$95.00 95.00	Now \$59.99 59.99	



## Covering



# onoKote

- Strong, smooth finish.
- The #1 choice among modelers!

ONLY \$7.99

For 6FT. Opaque

Top Flite MonoKote gives a contest-winning finish on virtually all model aircraft. Its totally dry adhesive can be activated by an iron or heat gun and stays drumtight. MonoKote weighs only 1/3 as much as an equivalent silk and dope finish and has 25,000 lbs. of torsional strength per square inch. Choose from a wide selection of opaque, transparent, frost and metallic colors. Available in 6 and 25 foot rolls.

Thinner, lighter EconoKote irons on at low temperatures, making it ideal for foam craft and trim. Ten popular colors are available in 6' x 26' rolls. MonoKote Trim Sheets are 5" x 36". SparkleKote Trim Sheets measure 6" x 12". Both are adhesive backed and available in a great selection of colors and effects.

ODAOUE

**TRANSPA** 

Clear

Green Orange Yellow

Blue

Red



OPAQUE COLORS	6-Foot Rolls 799	25-Foot Rolls 3299
Red Yellow Insignia Blue Black Orange Dark Red Sky Blue Aluminum Cream Maroon Circus Pink Olive Drab Dove Gray Chrome Green	TC2954 TC2956 TC2960 TC2961 TC2955 TC2971 TC2959 TC2958 TC2965 TC2966 TC2968 TC2968 TC2964 TC2964 TC2962	TC2989 TC2990 TC1597 TC1598 TC1594 TC2992 TC1596 TC1595 TC1602 TC1603 TC1605 TC1601 TC1599 TC1604

COLORS	<b>7</b> 99	3299
Blue Mist	TC2970	TC1607
Tan	TC2957	TC1606
Salmon	TC2969	TC1608
White	TC2967	TC2991

ARENT COLOR  6-Foot Rolls  799	25-Foot Rolls 3299
TC2953	TC1593
TC2977	TC1613
TC2973	TC1609
TC2974	TC1610
TC2975	TC1611
TC2976	TC1612

COLORS	<b>№</b> 899	<b>36</b> 99
Brown	TC2983	TC1619
Platinum	TC2985	TC1621
Green	TC2978	TC1614
Plum	TC2980	TC1616
Gold	TC2981	TC1617
Charcoal	TC2984	TC1620
Red	TC2982	TC1618
Blue	TC2979	TC1615

FROSTED COLORS	6-Foot Rolls 949	36 <sup>99</sup>
Aluminum	TC2988	TC1624
Blue	TC2987	TC1623
Wine	N/A	TC1622

	OPAQUE	4 Pm
20	Red	TC2943
	Orange	TC2944
	Yellow	TC2945
	White	TC2946
	Aluminum	TC2947
	Sky Blue	TC2948
M	Insignia Blue	TC2949
	Black	TC2950
-	Cream	TC2951
	Maroon	TC2952
П	TRIM SHE	FTS \$1 99

	TRIM SHEETS \$1.99		
	Red	TC1625	
1	White	TC1626	
١	Insignia Blue	TC1627	
	Black	TC1628	

#### MonoKote Color Chart

Use the chart at right to select your MonoKote colors. **Note: Actual colors** may vary slightly due to the printing process.

Red	Sky Blue	Dove Gray	White	Tran. Red	Charcoal
Yellow	Aluminum	Chrome	Clear	Brown	Red
Insignia Blue	Cream	Green	Tran. Green	Platinum	Blue
Black	Maroon	Blue Mist	Tran. Orange	Green	Aluminum
Orange	Circus Pink	Tan	Tran. Yellow	Plum	Blue
Dark Red	Olive Drab	Salmon	Tran. Blue	Gold	Wine



#### Deluxe Heat Gun & Custom Sealing Iron

Deluxe Heat Gun with 1000 watts of power and wide nozzle, shrinks popular coverings without scratching. Get a smooth, tight finish right up to the corners with the Custom Sealing Iron. Non-stick coating prevents scratching. Both are backed by Tower Hobbies warranty. Get both at one low price in the Heat Gun/Iron Combo

mic i leai Ouli/	iron como.		1 1 2 1 2 1 3
Stock#	Description	Retail	Now
TZ2167	Heat Gun/Sealing Iron Combo	\$54.90	\$24.98
TC1642	Tower Hobbies Deluxe Heat Gun	32.95	14.99
TC1643	Tower Hobbies Custom Sealing Iron	21.95	12.99



# TOP FLITE TRIM SEAL TOOL



Trim Seal Tool features two specially designed tips. One is for fillets and curves, and the other is for flat surfaces and hard-to-reach corners. Choose between high and low temperature settings.

Retail \$21.95 TC1640

Now \$14.99

#### TOP FLITE HOT SOCK IRON COVER

Never scratch your model's finish again! The 100% cotton Hot Sock Iron Cover fits snugly over your heat iron's shoe and extends its life. It allows smoother MonoKote applications. Save even more when you buy multiples!

**Retail \$3.69** TC1639 TM2117

Retail \$11.07

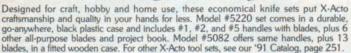


Only \*3 for \$7.67

Call Toll-Free: Orders Only 1-800-637-4989—Order Assistance 1-800-637-6050

#### X-ACTO #5082 & **#5220 KNIFE SETS**

All-purpose knife set features high-impact black plastic case.



3, 1-3				
Stock #	Description	Retail	Now	
TC1347	X-Acto 5082 Knife Chest	\$16.95	\$9.99	
TC1345	X-Acto 5220 All Purpose Knife Set	14.95	8.99	

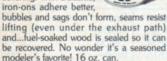
#### X-ACTO **DELUXE KNIFE** AND TOOL

#5087 lets you cut, saw, drill, carve, plane, sand, and even strip balsa. Set includes #1, #2, and 5 knives, 9 assorted blades, 4 gouges, 2 routers, block plane, sander, coping saw, and more. #5089 includes #1 knife with #11 blade; #2 knife with #2 blade; #5 knife with #19 blade; 12 blades; 4 gouges; 2 routers; with a very law person with 4 increases when however, when however, which is a simple with a s mitre box; hammer with 4 interchangeable heads; pin vise: and many more accessories.

stock #	Description	Retail	N
C1343	X-Acto 5087 Deluxe Knife & Tool Chest	\$54.95	\$27.
C1344	X-Acto 5089 Deluxe Knife & Tool Cabinet	134.95	79.

# **COVERITE BALSARITE**

Just brush on Balsarite: in seconds, it's at work, waterproofing prepping the wood for covering. With Balsarite,



**Retail \$7.75** TC1268

Now \$5.29

#### **TOWER HOBBIES KNIFE BLADES & HANDLE** Precision Blade Handle #11 Knife Blades

#5082

Tower Hobbies #11 Knife Blades and Precision Single Edge Blades are invaluable for a wide range of hobby uses. They're made of top-quality carbon steel, ground to a razor sharp edge, and last longer than many other blades. Both come in packages containing 100 blades-an outstanding value! Single Edge Blades feature a steel-reinforced spine for extra strength and easier gripping. Install your #11 blades in the **Knife Handle**. It's sturdy and lightweight, and features a knurled, no-slip grip.

Stock #	Description	Retail	Now
TC1336	Tower #11 Knife Blades—100 Pack	\$15.95	\$11.99
TC1337	Tower Precision Single-Edge Blade—100 Pack	10.99	7.99
TC1338	Tower Precision Blade Handle for #11 Blades	1.79	1.29

#### GOLDBERG MODEL MAGIC FILLER

#5089

quick-setting crack, dent, and gap filler sands exactly like balsa and is water resistant when set. Compatible with

all model paints and coverings. Requires no mixing and can be used for large areas and thick build-ups. 8 oz. size.

Retail \$5.99 TC1285	Now \$4.99
TM2118 Retail	\$17.97 * 3 for \$13.97

# **BALSA BUNDLES**

- The best-quality balsa for building and repairs.
- Incredible variety available at volume-buy prices!

When only the best balsa will do, Tower Hobbies Balsa is the balsa of choice.

Tower Hobbies Balsa is all Grade AAA wood, carefully hand-sorted and selected for proper density before shipment. Strict quality control ensures that Tower Balsa is consistently excellent, piece after piece,

project after project.

And you'll find that excellence throughout Tower's incredible selection of shapes and sizes, from 1/8" x 1/8" x 36" triangles to 3" x 3" x 30" blocks. There are bundles of planks, sticks, triangles, tapered aileron stock, and blocks, plus our economical Stack-A-Sticks, Pack-A-Planks, and Box-A-Balsa assortments-high-quality balsa for virtually any modeling project you can imagine.

In addition, buying and packaging balsa in volume allows Tower to offer balsa at the lowest price anywhere. With quality, selection, and low price, it's no wonder that Tower Hobbies Balsa is the modeler's







Box-A Balsa is a deluxe assortment of balsa and plywood in popular sizes. See page 80 in the Tower Catalog for more details and sizes.

Box-A-Balsa	\$29.90	\$19.99
Pack-A-Planks—20 Sheets	15.90	12.99 5.99
	Box-A-Balsa	Box-A-Balsa \$29.90 Pack-A-Planks—20 Sheets 15.90 Stack-A-Sticks—34 Sticks 7.20

I	Stock Number	Sheet	Qty Qty	Price	Stock Number	Sheet	Bundle	Price
ı	TC2109	1/2x1x36	4	\$2.59	TC2116	1/4x11/4x3	36 4	\$2.39
ı					TC2117	1/4x11/2 x3	36 4	2.59
ı			Bundle	Bundle	TC2118	5/16x1x36	5 4	2.19
ı		Triangles	Qtv	Price	TC2119	5/16x11/4		2.39
ı	TC2110	1/4x1/4x36		\$2.19	TC2120	5/16x11/2		2.79
ı	TC2111	3/8x3/8x36		2.59	TC2121	3/8x11/4 x3		2.99
ı	TC2112	1/2x1/2x36	5 8	2.99	TC2122	3/8x1½ x3		3.19
ı	TC2113	3/4x3/4x36	6	2.99		Balsa	Bundle	Bundle
ı	TC2114	1x1x36	4	2.39	TC2123	Blocks 1x2x30	Qty	Price \$1.59
ı					TC2124	1x2x30 1x3x30		2.19
ı				Bundle	TC2125	2x2x30	1	2.39
ı	TOOME	Stock(36")	Qty	Price	TC2126	2x3x30		3.49
١	TC2115	1/4x1x36	4	\$2.09	TC2127	3x3x30	1	4.89
•				and the same		Ononoo		5511/22/11

#### DREMEL #572 DELUXE MOTO-SHOP

Compact Deluxe Moto-Shop is a versatile jigsaw/workshop combination. Works best on stock 1" thick, but can handle stock up to 1 5/8". Deep, 15" throat. Front/side blade mounting slots allow scroll cuts or ripping of long materials. Table tilts 45° to either side for accurate angle cuts. Included accessory pack contains rubber backing pad and adapter, handheld flexible shaft for carving/inside sanding,

plus sanding discs, saw blades, cloth wheel, wire brush and 12-piece accessory set. Powerful ball-bearing motor develops 3450 RPM, for smooth cuts in light gauge metal, plastic, felt and wood. See page 244, '91 Catalog, for blades and accessories.

Retail Price \$165.00

Now Only \$94.99

#### **DREMEL MOTO-TOOL KITS**

All three Moto Tools feature 1.15A, ball bearing motors with a 5,000-30,000 RPM range.#3950 includes a 40-piece accessory/bit assortment; economical #5950 includes 20-piece assortment. Both feature a tough, double-walled polyethylene storage/carrying case. New Super Kit includes Moto Tool, flex-shaft, 32-piece accessory set, deluxe carrying case with removable, 92-bit capacity tray. All feature keyless chuck.

Stock # TC1273 TC1274

Description Dremel 5950 Moto Tool Kit (Variable) 20 Accessories... Dremel 3950 Moto Tool Kit (Variable) 40 Accessories... Dremel 3952 Variable Speed Super Kit...

Super Kit

Retail \$67.99 144.00 89.99

#### DREMEL TABLE SAW

See our '91 Catalog, page 244, for blades, too!

Multi-purpose 4" table saw especially de-

signed for hobbyists. Rips, cross cuts, miters, straight cuts, and dadoes are easy with this portable saw

Retail \$224.00 TC1276

Now \$129.99

#### DREMEL MINI MITE CORDLESS MOTO-TOOL

The Mini Mite Cordless Moto Tool's compact size and light weight allow easy access to hard-to-reach places. NiCd battery pack plugs into walld unit for recharge in three hours; additional #755 Battery Packs are available separately for non-stop operation. Two-speed tool handles a wide range of tasks. A shaft lock prevents shaft rotation when changing bits; accepts standard Dremel collets and bits 1/32"-1/8". Keyless chuck included.

TC1269 TC1280

Mini Mite Cordless Moto Tool #750 Extra Battery for Cordless Tool. Charger Mini Mite

\$48.00 \$29.99 22 25 16,99

#### DREMEL **FREEWHEELER**

Includes Freewheeler Moto-Tool, charger, charger case, and 30-piece accessory set containing a keyless chuck.

1/8" collet, sanding wheels, mandrels, polishing wheel, and much more.

**BADGER DETAIL GUN &** 

Retail \$108.00 TC1270

Now \$64.99

#### **MILLER #2134 SPRAY SET**



Includes the #2000 air compressor, 12' air hose, and three spray guns: #18-G pressure-type gun with 1 quart aluminum canister; #16-G siphon with 1 pint jar; and #14-G airbrush with 21/2 ounce jar.

Retail \$139.95 Now \$77.99

#### **DREMEL #1731 DISC BELT SANDER**

Pivoting belt table.

Stock# TC1278

\$5.00 of

Miter guage for 5" disc.

Dremel's #1731 Disc Belt Sander can sand, polish and shape wood, metal, and plastic. The #1731 features tilting table and miter gauge for 5" disc, 3" throat and screws for easy mounting. #1731 has pivotable 7" diameter, table for angled belt sanding. See page 244 of our '91 Catalog for replacement sanding belts and discs.



Precision, hand-assembled/tested model #400-

COMPRESSOR

2 features zinc/aluminum body & adjusts easily for fan/round patterns; ideal

for use with #180-1 compressor, a 9 lb. diaphragm type with a 2.5A, 1/2 HP motor that provides .80 CFM at 20 PSI.

400-2 Gun TC1261 180-1 Compressor TC1262

Retail \$99.95 Now Only \$59.99 Retail\$159.95 Now Only\$104.99

#### PAASCHE AIRBRUSH SETS & D500 AIR COMPRESSOR

The H-Set Airbrush Kit includes a single-action "H" airbrush with individual air and color feeds. The versatile VL-Set Airbrush Kit, with interchangeable multiple heads and needles, can handle thin, medium, and heavier consistency paints. Both include ¼ oz. color cup, wrench, and how-to booklet. Economical .10 HP **D500 Air Compressor** weighs 12 lbs., runs on 115V AC current, and delivers .5 CFM at 20 PSI.

TC1324 TC1325

Paasche H-Set Airbrush Set ..... Paasche VL-Set Airbrush Set .... Paasche D500 Air Compressor. TC1326

Description

H-Set

\$64.00 \$37.99 97.00 59.99 SAVE \$5.00! 89.99 150.00

#### BADGER #150 IL & #200-3 AIRBRUSH KITS

Retail Price \$178.00 • Now Only \$114.99

150 IL is a double action, internal mix airbrush with attached 3/4 oz. jar, cover, wrench for head, color cup, instruction booklet, plastic case, and airbrush holder. #200-3 includes a single action, internal mix airbrush, attached 3/4 oz. jar, cap, wrench for head, manual, plastic case, heavy application head assembly and needles, 6' of lightweight vinyl air hose, Propel regulator, 3<sup>3</sup>/<sub>4</sub> oz. jar with covers, and a Propel compressed air can. Both can adapt to all air systems.

Stock # TC1258 TC1259

Badger #150 IL Airbrush Kit Badger #200-3 Airbrush Kit.

Description



Retail \$80.00

\$59.99 39.99

#### **GREAT PLANES WING JIG**

The Wing Jig holds wing ribs in perfect alignment during construction. It will accommodate a 34"

panel to build up to a 68" tapered wing Constant chord wings can be built to any size. All hardware is included.

Retail \$24.95 TC1286

Only \$18.99



A-Justo Jig features built-in dihedral, .1% alignment accuracy, and allows any degree of washout to be built in. Rotates 360 ° for work on bottom of wing; fuse jig fits on without disassembly. Build glider wing panels up to 6' at a time.

Retail \$89.95 TC1257

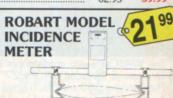
Now \$63.99



Includes a 163/4" base plate, 60 magnets and poles, 20 stands, 10 vertical presses, 10 steps, 20 rib holders and 60 sets of nuts and bolts

Retail \$168.95

Now \$99.99 Only



Set thrust, wing, and stabilizer incidence so your model will fly straight. Features include an anti-parallax meter scale, magnifying meter window, bubble level, and solid copper counterweight.

Retail \$34.95 TC1332

Now Only \$21.99

# TOWER® 6-Minute And 30-Minute Epoxy



With Tower's Epoxy, you get clear, fuel-proof, sandable, super-strong bonds. 6-minute epoxy bonds in only six minutes and holds up even during rough jolts and landings. 30-minute has all the 6-minute features but has a longer cure time for precise positioning

and greater strength. Both bottles are imprinted with measuring lines; the combined net weight of epoxy and hardener is 9 oz.

6 Minute Epoxy	Retail \$9.95
TC1339	Now Only \$6.99
TM2122 Retail \$29.	.85 *3 for \$17.99
30 Minute Epoxy	Retail\$9.95
TC1340	Now Only \$6.99

Bonds great to balsa, plastics and fiberglass.

Hobbico Bullet CA glues bond to balsa as well as plastic and fiberglass! Thin, instant-setting Bullet CA is ideal for pre-fitted parts with no or very slight gaps. Thicker Bullet CA + fills gaps, and cures in 10-15 seconds. Make fillets, fill gaps or bond high-stress areas with super-thick Bullet CA-, which cures in 1-2 minutes. Debonder dissolves all CA glues. Activator speeds the cure time of all CA glues. Threadlock prevents bolts and screws from vibrating loose. Bullet Glue Combo includes a 2 oz. bottle each of: CA, CA+, and CA-. Inexpensive Applicator Tip six-packs offer pinpoint placement and disposable convenience.

Stock #	Description	Retail	Now				THE REAL PROPERTY.
TZ2170	<b>Bullet Glue Sampler Combo</b>	\$25.57	\$14.99	Stock #	Description	Retail	Now
TC1293	Bullet CA Glue 1 oz	4.59	3.29	TM2121	* 3 Bullet CA + 2oz	\$25.47	\$14.99
	Bullet CA+ Glue 1 oz		3.29		Bullet CA- 2 oz	8.59	5.99
	Bullet CA- Glue 1 oz	4.59	3.29	TM2120	* 3 Bullet CA- 2 oz	25.77	14.99
	Bullet CA Glue 2 oz	8.49	5.99	TC1299	Bullet Debonder 2 oz	4.49	3.49
	* 3 Bullet CA 2 oz		14.99	TC1300	Bullet Activator 2 oz	4.69	2.99
	Bullet CA+ Glue 2 oz		5.99	TC1301	Bullet Activator 8 oz. Refill	7.99	6.99
TC1303	CA Applicator Tips (6)	.99	.89	TC1302	Bullet Thread Lock 6ml	3.95	2.79

## **Boats & Boat Accessories**

# KYDZHO "HURRICANE ...

· Adjustable trim tabs enhance stability and handling at high speeds.

If you'd like to lay claim to undisputed bragging rights at your local pond, check out Kyosho's newest, sleekest craft. The 31" Hurricane electric-powered, off-shore racer takes advantage of the highly-efficient Jet Stream outdrive system, adapted to include twin LeMans 360ST motors, and the hottest scale catamaran hull to hit the water. Durable and lightweight, the 10.6" wide Hurricane ABS hull comes as one piece for simplified assembly. Two adjustable trim tabs

keep the boat running at just the right attitude, permitting razor-sharp turns Hurricane the "eye of the storm" anywhere. For required items, choose and stable high-speed handling. Kyosho's heavy-duty rotary speed control is also included.

The Hurricane's looks are as astonishing as its performance - this screamer is so attractive that you'll be tempted to put it on display with the included attractive wood stand when you're not at the pond. Striking decals and a realistic cockpit with pilot and throttle man figures make the



Airtronics VT-2P Pistol Radio (page 30). Hobbico's #900 AC/DC Auto Charger (page 54), and Kyosho's 6- or 7-cell racing packs on page 57.

RULLET

Stock #	Description	Retail Now
TC3146	Kyosho Hurricane Electric Boat	\$229.95 \$179.99
TC2801	Kyosho 7-Cell Racing Battery Pack	49.95 39.99



The WildCat easily outdistances landlubbing R/C boats with tremendous speed. Included with the 27" long, 10.5" beam WildCat are twin Thrustmaster 550 motors, rugged speed control, two high-pitch props, double rudders, ABS body, and decals. Requires 2-channel radio, charger, and two 6-cell batteries. (Try two 7-cells for even hotter

Stock#	Description Retail	Now
TZ2168*	* WildCat/Airtr. VT-2P Radio/2 7-Cell	
	Batt/#900 AC/DC Auto Charger	
	Performance Combo \$369.75	\$216.95

Great Planes WildCat Electric Boat . . . 149.95

TC3147

G P<sub>TM</sub>

Keep an eye out for the shore patrol. Because the 24" GP Marine Stinger is competitively fast AND delivers long run times, the temptation to break speed records is irresistible! The revolutionary Twinline drive system uses two in-line 550-sized motors to provide 5-7 minute run times and speeds of up to 20 mph. Features include pre-joined ABS hull and deck, speed control and colorful decals. Assembly takes under an hour. Requires a 2-channel radio, two 6-cell batteries (try 7-cells for even more power), and charger.

Stock #	Description	Retail	Now
TZ2169*	* Stinger/Airtr. VT-2P Radio/7-Cell		
	Batt/#900 AC/DC Charger		
	Performance Combo .SAVE \$7.00!	\$389.75 \$	216.95
TC3148	GP Marine Stinger Boat w/2 Motors		99.99

Tower Hobbies Is Your #1 R/C Resource!

# Stock up and Save on these Modeling Essentials!

**DUBRO KWIK-FILL FUEL VALVES** 

Fast, clean refueling without needing to disconnect the fuel line at the carburetor. Valve automatically shuts off line to carburetor. Available for glow or gas.

Now \$8.49 **TY2262** 

Now \$8.99 **TY2263** 



A new set of rubber bands to hold your wing on the fuse is the cheapest insurance you can buy. These high quality rubber bands are fuel resistant. Approximately 100 per box.

TY2400 TM2205

Now \$1.59 \* 3 boxes for \$3.99

NEW!

#### **DURATRAX 1500 PLUS BATTERY PACKS**

DuraTrax 1500 mAh batteries offer a longer run time than 1200 mAh packs and are available in 6- or 7-cell packs with your choice of Kyosho or Tamiya connectors. A 7-cell pack is also available for the RC10. All are shrink

	ith connector attached.	6	1500			
Stock #	Description	Retail	Now			
TY2250	DuraTrax 6-Cell w/Tamiya Connector	\$24.95	\$17.99			
TY2251	DuraTrax 6-Cell w/Kyosho Connector	24.95	17.99			
TY2252	DuraTrax 6-Cell Hump w/Tamiya Connector	24.95	17.99			
TY2253	DuraTrax 7-Cell w/Tamiya Connector	29.95	21.99			
TY2254	DuraTrax 7-Cell Hump w/Tamiya Connector	29.95	21.99			
TY2255	DuraTrax 7-Cell w/Kyosho Connector	29.95	21.99			
TY2256	DuraTrax 7-Cell Hump Pack – RC10	29.95	21.99			
SONICTRONICS HOBBICO BANANA						



Tower's six pack of power gives you topquality performance at bargain basement prices. Precision-machined, with a platinum glow element for smooth idle

TOWER R/C LONG

**GLOW PLUGS** 

resistance. Set of six. Now \$10.99 TY2399

and nickel-plated top post for rust-

TM2204 \* 3 packs of 6 for \$27.97

# HOBBICO BANANA **PLUGS**

Hobbico Banana Plugs make safe, secure power connections more economical than ever! These heavy-duty, high quality plugs come 3 pair to a package - ideal for all field power needs. Multiples save you even more!

Now \$2.99 TM2195 \* 3 packs of 6 for \$7.97

The ideal

#### DAN'S BANANA LUBE

Perfect for bearings and other friction points, Dan's banana-scented, low-viscosity natural lubricant comes in a squeeze bottle or 6 oz, aerosol spray. Nontoxic.

Banana Lube

TY2246 Banana Spray 6oz.

Now \$2.99 **TY2247** 

Now \$4.99

#### **DUBRO PULL-PULL SYSTEMS**

Dubro's new Pull-Pull systems for rudder, elevators, tailwheels,

etc. include nylon-coated cable and all mounting hardware. Available for 2-50 & 4-40-sized installations.

2.56

**TY2264** 4-40

Now \$4.99 **TY2265** 

#### Stock# Descriptio TY2391 Large-1½ " (100).... TY2392 Small-1" (100).... TY2393 Medium-1¼ " (100).... 1.59 **HOBBICO BULLET GLUES**

Made from high-strength chrome-plated

steel with the sharpest points you'll ever find. Come in bags of 100. Large are 1½ " long. Medium are 1½."

long. Medium are 11/4 ''are 1'' long.

Ideal for balsa, plastic and fiberglass, Bullet Glue comes in three formulas: Thin, instantsetting **Bullet CA** for parts with no gaps; thicker **Bullet CA**+ is a gap-filler with a 10-15 second bond time, and super-thick **Bullet** CA- cures in 1-2 minutes and is excellent for

areas. 2 oz. bomes.	
Description	
Bullet CA (2 oz.) Glue	
Bullet CA (2 oz.) GlueRetail \$25.47	
Bullet CA+ (2 oz.) Glue.	
Bullet CA+ (2 oz.) GlueRetail \$25.47	
Bullet CA- (2 oz.) Glue	
Bullet CA- (2 oz.) GlueRetail \$25.77	
	Bullet CA (2 oz.) Glue

\$2.19



Retail Now \$8.49 \* 3 for 14.99 8.49 \* 3 for 14.99 8.59 \* 3 for 14.99

#### **MASTER AIRSCREW FUEL FILTER**

This in-line fuel filter keeps small particles from clogging the carburetor's jet or needle valve. It disassembles for cleaning and is easy to install.

Now \$1.19 **TY2388** TM2196 \* Retail \$4.47 \* 3 for \$3.19

#### DEAN'S CONNECTOR SETS

· Easy and inexpensive.



Now \$4.29

Replace loose or broken connectors with Dean's connectors - they're gold-plated for top conductivity! Available in 3- and

3-Pin Power Plug

**TY2248** 4-Pin Power Plug

Only \$1.39

Now \$1.49 **TY2249** 

# **PACER E-MERGEN-Z**



T-PINS

steel.

Small are 1

· High strength

Complete bonding kit fits in field box or pocket for repairs that can't wait! Contains 1/2 oz. ea. of Zap-A-Gap & Poly-Zap, 1 oz. of Kicker, and gluing tips.

Now \$6.99 **TY2405** 

DUBRO FOAM RUBBER

Dubro Foam Rubber is made of genuine latex, and helps to protect radio control equipment from shock and vibration. It comes in 1/4" and 1/2" thicknesses, in 7"x 11" sheets.

Now \$1.69 **TY2270** 

Now \$2.59 **TY227**1

#### DUBRO FLEX CABLE



a braided metal cable inside a flexible nylon tube. It's fully adjustable and won't stretch or shrink. 20" in length.

Now \$1.49 **TY2266** TM2184 \* Retail \$11.40 \* 6 for \$7.99

#### TOP FLITE HOT SOCK **IRON COVER**

Made of cotton, the Hot Sock fits snugly over the shoe to eliminate

scratches and allows smoother covering jobs. Hot sock also extends shoe life, and prevents color and adhesive build-up! Great for wingtips!

Now \$2.89 **TY2398** TM2203 \* Retail \$11.07\* 3 for \$7.67

#### **HOBBICO PARTS BOX & TOOL BRUTE**

All four sizes of inexpensive, clear plastic Hobbico Parts Boxes feature molded-in dividers to keep small parts organized and handy. Massive, durable Tool Brute Tote is made of high-impact plastic. The large, deep tray, tool holders, deep side pockets and 12-compartment bottom drawer have 800 cu. in, of space for parts and equipment.

Stock #	Description 9 Compartments — 7"x4"x1"	Retail	Now
TY2280		\$2.00	\$1.79
TY2281	18 Compartments — 11"x7"x2"	5.50	4.59
TY2282		8.75	7.29
TY2283	8 Compartments — 17 x8 x2 Box w/Handle	14.95	11.99
TY2284	Tool Brute Box	11.95	9.99

**Tool Brute** 



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	Illan		Policy	

hook up.

**DUBRO #181** 

**BALL LINKS** 

· Easy to

Ball link installations give you high precision without play and are easy to hook up. #181 Threaded Ball Links are a 5-piece set with 2-56 thread.

Now \$.99 **TY2267** TM2185 Retail \$7.50 \* 6 for \$5.29

# Stock up and Save on these Modeling Essentials!

#### **DUBRO #203** KWIK-**SWITCH** MOUNT

Install your battery switch in minutes by drilling one 3/16" hole. It's designed to

fit most radio switches and is ideal for use in planes, helicopters, boats, and cars. It is adjustable to any wall thickness up to 3/8".

Now \$1.99 **TY2260** TM2183 Retail \$7.50 \* 3 for \$5.29

#### **DUBRO** #121 E-Z **CONNECTORS** Connectors hold tight on any size control arm. D

You can install E-Z Connectors permanently. They're very easy to Two connectors and two nylon snap-ons included with each pack.

**TY2268** Only TM2186 \* Retail \$6.60 \* 6 for \$4.79

#### **DURATRAX** COMPETITION COMPETITION **SHOCKS**

Hop up for better handling—affordably! Both the 3" and 4" versions

include gold-anodized body, ball end, non-stick guide and silicone O-ring seal. Sold in pairs. Oil not included. Front 3"

Now \$14.99 **TY2258** 

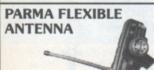
Long 4" TY2259 Only \$14.99

#### **DUBRO 4-WAY WRENCH**



Perfect for glow plugs, prop nuts, and nylon bolts. Fits 5/16", 3/8",7/16", 1/2", and 8mm-12mm metric sizes. A handy tool!

Now \$3.69 TY2261

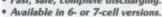


Designed to fit Futaba 2P and 2PKA transmitters, this antenna's short length doesn't degrade transmitting range and prevents bending and breaking of stock antennas. For use on 75MHz.

Only \$14.99 TY2389 TM2197 \* 2 for \$26.99

#### GECKO DISCHARGERS/ CONDITIONERS

· Fast, safe, complete discharging.



GOLDBERG MODEL

A quick-setting crack, dent, and gap filler. Sands exactly like

balsa and is water-resistant when set.

Compatible with all model paints and

· High quality at a LOW price!

Description

Now \$4.99

These Futaba standard servos yield increased power and speed with a reduced size and weight. The S148 uses a

Futaba J-Series/FM plug with torque output of 42 oz./in.
The S28 servo has 48.7 oz./in. of torque and features one

bushing and a splined output shaft. The S128 is the J-Series/FM version of the S28.

Now \$15.99

\* 3 for \$13.97

coverings. Requires no mixing.8 oz.

**FUTABA S28, S128,** 

**AND S148 SERVOS** 

**MAGIC FILLER** 

· Works with all

model paints

**TY2278** 

TM2194

and coverings.

TM2193

Reverse-protected units are available in 6-cell and 7-cell versions, and use a three-step discharge rate to automatically bring packs down to the manufacturer's recommended level. Simply hook up to pack; LED dims as charge drops. Leave connected until you charge to ensure top pack performance. Won't overdischarge like resistor/lightbulb combinations - and costs about the same.

Stock # Description TY2276 6-Cell Discharger/Conditioner .... TM2192 6-Cell Discharger .....Retail \$20.85 7-Cell Discharger/Conditioner ....

7-Cell Discharger .....

**TOWER HOBBIES BLADES & HANDLE** 



#11 Blades, made of heat-treated carbon steel, and reinforced Single-Edge Blades

TY2402	#11 Blades (100)	Now \$11.99 7.99 1.29

#### 6.95 .....Retail \$20.85 \* 3 for 12.99

Retail

\$6.95

\$4.99

\* 3 for 12.99



are durable and razor-sharp. 100 per pack. Lightweight Handle for use with #11 blade comes with knurled grip.

#### DURATRAX **BLAST OFF** MOTOR CLEANER

mAh. Tabs not included.

TY2390

TM2198

SANYO

"AA"

NiCd's

 Helps increase run times and extend motor life.

These rechargeable "AA" cells can be

used as receiver batteries in radio systems which call for "AA'' drycell batteries or to assemble your own

receiver and transmitter packs. 600

Blast Off is an excellent motor spray value, coming in a generous 20-ounce can. It blasts away dirt and grime from your motor, prolonging run times and extending motor life.

**TY2257** TM2182

Now \$3.99 \* 3 for \$9.99

Now \$2.29

\* 12 for \$19.99

# TRINITY BATTERY

BUILDING KIT

The Battery Building Kit includes all of the components needed

to assemble loose cells into a stick pack configuration: shrink wrap, battery braid, wire, solder, insulators, connectors, and detailed instructions.

**TY2404** TM2209

Now \$3.69 \* 3 for \$9.99

THUNG HO

- ATTIVITO



Stock # Descri TY2273 S28 Servo (Std).

Sullivan Gold-N-Rods feature patented splines on their yellow inner rods for nobind, smooth operation. A special temperature-compensated material minimizes shrinkage. Available in 36" length. Clevis included. 2-pack.

Now \$3.29 **TY2394** TM2199 \* 3 packs of 2 for \$8.87

#### TY2275 S148 Servo(Prec,J,FM). TM2191 S148..... SULLIVAN GOLD-N-RODS **AEROTREND** FUEL **TUBING**

TM2190 S128.

Only

\$15.99!

"Blue Line" Fuel Tubing is thick, strong, flexible, and heat-resistant. Medium size is 3'

long, and has an inside diameter of 3/32". It's made for .09-.90 engines. For use with glow fuel only.

Description

\* 3 for \$44.99

Now \$1.69 **TY2245** TM2181 \*Retail \$5.97 \*3 for \$4.49

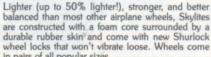
#### **DUBRO #117 HINGES**



These nylon hinges each have twelve holes, allowing you to "lock" them in place with epoxy. They come 15 per package. Very high quality!

Now \$2.49 **TY2269** TM2187 \* 3 packs of 15 for \$6.69

#### SULLIVAN SKYLITE WHEELS



in pairs of a	Il popular sizes.	3-14-14-17-17-9	101 THAT YE
Stock #	Description	Retail	Now
TY2395	Sullivan Skylite Wheels 2 1/2 "(2)	\$5.95	\$5.29
TM2200	Skylite Wheels 2 1/2"(2)Retail \$17.85*	3 pairs	for 13.99
TY2396	Sullivan Skylite Wheels 2 3/4 "(2)	6.19	5.49
TM2201	Skylite Wheels 2 3/4"(2)Retail \$18.57	3 pairs	for 14.99
TY2397	Sullivan Skylite Wheels 3" (2)	6.59	5.79
TM2202	Skylite Wheels 3"(2)Retail \$19.77	3 pairs	for 15.99



A simple way to feed fuel and vent tubes through solid bulkheads. Made of fuelproof molded nylon and color-coded, they provide a sealed tank compartment and eliminate fuel-line chafing.

Now \$2.29 **TY2272** TM2188 \* 3 packs of 2 for \$5.99

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P.O. Box 778 Champaign, IL 61824-0778

Our representatives are standing by to help you with your order during our normal sales hours. Please prepare your order on this form as a record.

To place a straightforward 1-800-637-4989

with your order call:

For questions or assistance 1-800-637-6050

24 Hour FAX: 1-217-356-6608 (Sorry, we cannot respond by FAX)

Customer Service: 1-800-523-0187

Non-Toll-Free Customer Service 1-217-398-1100

**SHIPPING ADDRESS:** (Where to send packages if different from mailing address)

#### Sales hours (Central Time):

Monday-Thursday 8 a.m.-10 p.m. Friday 8 a.m.-5 p.m. Saturday 9 a.m.-5 p.m. Sunday 10 a.m.-7 p.m.

#### **Customer Service Hours** (Central Time)

	Friday 8 a.m 5 p.m.
	Is this a ☐ Business or
	Residence
	Can we send your order to your
	work address? In general, packages
-	addressed to businesses are
	delivered sooner than those going
	to home addresses.

#### Name: -Address: -State: -**EVENING PHONE # DAY PHONE # ITEMS ORDERED:** STOCK # QUANTITY MERCHANDISE DESCRIPTION Tower Hobbies #1 Super Saver Club Membership DC1001 TY2410 X-Acto All Purpose Knife Set (see below) Extra Tower Hobbies Catalog C300 PAYMENT METHOD: ☐ My payment is enclosed. Please send my order COD: Add \$6.00 COD charge to my order. SAVE COD Charges - Use your credit card! Large personal checks may be held 20 days for clearance. For faster service on large orders, use money order, certified check, or credit card. **Expiration Date** Card No Year Signature . E

Merchan	ndise and Shipping Total
Illinois Resident	s Add 7.25% Sales Tax
GR	AND TOTAL
SPECIAL SHIPPI	NG CHARGES:
On all orders there is a standard \$5.25 charge. The and handling. UPS C.O.D. service is available to C.O.D. service is only available on UPS deliver	customers in the United States (add \$6.00).
Express Priority One* add \$20.00 1 pound-10 pounds 11 pounds-20 poundsadd \$15.00 more	Please Note: Special shipping charges for packages over 20 pounds will be based on actual weight.
☐ Federal Express Standard Overnight	* For delivery to Alaska, Hawaii, or Puerto Rico

#### X-ACTO #5220 **ALL-PURPOSE KNIFE SET**

Economical #5220 set features #1, #2, and #5 knife handles each with blades, plus 6 additional blades and the X-Acto project book, all in a durable, molded case of high-impact plastic.

Retail \$14.95 Now \$9.99



PRICE EA.

\$25.00

\$9.99

\$3.00

Postage and Handling Charge

C.O.D. Delivery: Add \$6.00

Zip Priority Handling: Add \$1.00

Special Shipping Charge

TOTAL AMT.

\$5.25

For delivery to Alaska, Haw add an additional \$10.00 ii, or Puerto Rico

Express Priority Two\* ...add \$10.00 1 pound-10 pounds

(Not available to all zip codes. Call for information)

- 11 pounds-20 pounds ..... add \$10.00 more
- ☐ Federal Express Economy Air
- ☐ UPS 2nd Day Air

☐ UPS Next-Day Air

USPS Priority Mail

Please do not

write in these

4 boxes.

Canada

Ship via air when possible .. add \$10.00 Other International

- USPS Parcel Post Surface (estimated) add 15%
- USPS Parcel Post Air Mail (estimated) add 20%

Availability, specifications, and prices are subject to change. Sale prices are not retroactive. Special stock numbers and prices in this issue expire April 30, 1991.



# IT'S EASY TO ORDER FROM TOWER HOBBIES!

#### **PHONE ORDERS**

Call Toll-Free for credit card or COD ordering. When ordering:

- 1. Have all stock numbers and prices written down.
- Give our sales representatives the ad number and customer number on your address label. These numbers speed up your order and helps us identify you.

#### MAIL ORDERS

Please fill out the order form completely. Type or print clearly.

- For all items you want, write in the descriptions, stock numbers, and prices. Choose items from any current Tower Publication.
- Total the prices (Illinois residents add 7¼% tax). Add \$5.25 for postage and handling. If you want COD delivery, add \$6.00. If you want Tower's Priority Handling and processing, add \$1.00. UPS COD service is available to customers in the United States. COD service is not available on Federal Express and Parcel Post deliveries.
- If applicable, add "Special Shipping Charges" found on the front of the order form.

#### **RETURNS**

- We will accept merchandise for return within 10 days of receipt for any reason as long as merchandise is in new and unused condition and in its original packaging. Please see your Tower Invoice or page 286 of our Catalog for "Instructions for Returning Merchandise."
- If your return is part of a Combo and you are requesting a credit or refund, we reserve the right to pro-rate credits on these items.



**P.S.** Are you phoning in your order? Use the order form to organize your order information and to provide you with a written record.

PLEASE NOTE: Delivery times listed for special shipping methods are used on orders received by 10 a.m. on business days. Orders placed after this will be shipped the following business day.

this will be shipped the following business day.

For Express Service orders to Alaska, Hawaii and Puerto Rico, add \$10.00 surcharge, and allow one more day for delivery. All Express Service orders automatically receive our Internal Zip Priority Handling Service.

Tower Talk and the annual Tower Hobbies Catalog (the R/C industry "bible") bring the world of radio control modeling to your fingertips, with everything from small building accessories to radios — only a stamp or a phone call away. Please follow these instructions and use the order form for your convenience.

#### **HOW TO ORDER RADIOS**

- To order a radio on a particular channel number, first check the chart below.
- Replace asterisks in the stock number with channel number or channel code shown on the chart below. Example: the stock number of a Kyosho Advance 7-channel radio is TC1945\*\*. To order a Kyosho Advance 7-channel radio on Channel 64, change stock number from TC1945\*\* to TC194564.
- Indicate 2nd and 3rd channel number choices to speed up order delivery.
- If you have no channel number choice, leave asterisks in place. We'll send you any channel number that's in stock.

Since radios aren't available on all channel numbers, please remember:

- Radios designed for aircraft use will usually not be available on car/boat, and vice-versa.
- Please note 2nd and 3rd choices as alternates in case your first channel choice is not in stock.
  If you're calling in your order, the phone representative will be able to tell if your choice is in
  stock or whether an alternate is needed. Of course, if you only have one choice, we will send it
  if it's in stock. If you furnish only one channel choice and it's not in stock, we'll backorder it,
  even if other channels of that radio are in stock (some radios and channel number choices
  may not be backordered).

Channel Numbers Aircraft Use Only						Channel Numbers Boat/Car Use				Channel Numb. All Uses		
11	12	13	14	15	16	61	62	63	64	A1		
17	18	19	20	21	22	65	66	67	68	A2		
23	24	25	26	27	28	69	70	71	72	A3		
29	30	31	32	33	34	73	74	75	76	A4		
35	36	37	38	39	40	77	78	79	80	A5		
41	42	43	44	45	46	81	82	83	84	A6		
47	48	49	50	51	52	85	86	87	88	MONTH AND		
53	54	55	56	57	58	89	90	The REAL PROPERTY.	2000 2000 2000			
59	60	E b	1000	38.0			Mark.	19/0/59	100	and a state of the same		

## **Boats & Boat Accessories**



# FAIRWIND and RIVIERA

The **Fairwind's** aluminum mast rises over 5' above the water from a glossy ABS hull; included are nylon sail with battens and scale fittings set. This graceful vessel offers classic sailboat looks, and cuts through the water just like a real race-winning yacht. Sail it with one channel of control (rudder only), or with 2 channels when you install an optional sailwinch servo for sail control.

Sail affordably with the 38" high **Riviera**. The laminated polystyrene/foam hull, metal mast, and radio compartment are pre-built. Hardware, decals, and display stand are included.

The Riviera requires a 2-channel radio with two standard servos, one for sail control and one for rudder. Save by ordering the Fairwind with radio and sailwinch servo, or the Riviera with a Kyosho Impulse II 2-channel radio, at Tower's low combo price.



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Stock # TZ2171 ***	Description Fairwind/Futaba 2NCS Radio/S-125	Retail	Now
TC3151 TC3152	Sailwinch Servo Combo	249.95	\$257.97 179.99
TZ2172**	Riviera/Kyosho Impulse II 2-Channel		5.99
TC3153	Radio Combo	<b>207.90</b> 124.95	139.98 94.99

# \*High-Performance in Either Gas or Electric Power. IET STREAM 800 TM Electric Deep-vee Gas Model Electric Model Length: 34.6"



Jet Stream GP-10 Gas Model Length: 34.6" Width (Beam): 8.2" Engine: O.S. 10 FP-M Jet Stream 800 Electric Model Length: 34.6" Weight: 4.1 lbs. Motor: LeMans

## Jet Stream grad

2574



The 35" long Kyosho Jet Stream off-shore deep vee boasts an 8.2" beam and a revolutionary new stern outboard drive with a gear-driven stainless steel driveshaft. The prop and rudder move together for precise steering control, high-speed maneuverability, and added power. The electric Jet Stream 800 is amazingly fast with the included LeMans 360ST motor and a 6-cell pack; with a Y-harness and a second pack. For gas enthusiasts, there's the Jet Stream GP-10. The included O.S.. 10 FP-M engine is a water-cooled, Schnuerle-ported powerplant that offers blazing speeds and recoil starts!

The Jet Stream molded white ABS hull is ready for decals and your own custom paint scheme. The detailed cockpit includes instrument panel and a trio of pilot figures. Both versions require a 2-channel radio. The electric Jet Stream 800 also requires a 6-cell battery and charger—available at special savings in the Combo. The electric Jet Stream 800

Ultimate Combo includes everything you need to put the boat in the water: kit, paint, brush, 12 "AA" batteries and a 2-channel radio. Check out the savings on the gas Jet Stream GP-10 combo, too.

Stock#	Description	Retail	Now
TZ2224**	Electric Jet Stream Ultimate Combo	\$366.45	\$249.99
TZ2173**	Elec. Jet Stream/Airtr. VT-2P Radio/		
	FREE 6-Cell Battery/Power Quick		
head number	Charger Combo SAVE \$5.00!	368.80	211.87
TC3149	Electric Jet Stream w/FREE 6-Cell Battery .	194.95	149.89
TZ2174**	Gas Jet Stream/Air. VT-2P Pistol		
	Radio Combo	439.90	281.98
TC3150	Jet Stream GP-10 (Gas) O.S. 10FP-M	319.95	239.99
TC2768	6-Cell Battery Pack	24.95	17.99
TC2772	7-Cell Battery Pack	29.95	21.99
TC1537	Kyosho 6-Cell Power Quick Charger	24.95	14.99

Call Toll-Free: Orders Only 1-800-637-4989—Order Assistance 1-800-637-6050

#### **DUMAS SWAMP** BUGGIES

Buggies are easy to build and fun to run on ice, snow, weeds or water No special marine hardware is required: just add an engine, prop, and a 2-channel radio, and you're ready to go! The Lil'



Swamp Buggy is just 18" long, and requires a .049 engine. The 28" Swamp Buggy takes a .19 engine and a pusher airplane prop. The 31" long Big Swamp Buggy runs on a .40-.60 size engine. See '91 Catalog, page 171, for more.

Stock #	Description	Retail	Now
TC3154	Dumas L'il Swamp Buggy 18" .049	\$27.00	\$17.99
TC3155	Dumas Swamp Buggy 28" .19	60.00	37.99
TC3156	Dumas Big Swamp Buggy 31" .4060	75.00	44.99

#### AEROTECH SR 40/60 **TUNNEL HULL**

Stock #

TC3157

TZ2176

TC3158

TC3205

TC3206

**DUMAS SCARABS & HARDWARE** 

Innovative beginner's tunnel hull is NAMBA National Champ and *twice* IMPBA Champ in heat racing, timed straightaway trials, and timed oval events in both 7.5cc and 11cc

classes. Externely well-mannered, the SR 40 makes exciting, high-speed turns without skipping or external fins, and comes with a hand-laid-up, gel-coated fiberglass hull that offers durable, glossy good looks without sanding, priming and painting. Watertight radio case included; engine, 2-channel radio, and pushrods required.

These sleek fiberglass classics are designed for speed! The 45" **Scarab 60** requires Dumas running hardware kit 2352 and a .45-.60 marine engine. The 55"**Scarab Deep Vee 38KV** requires Dumas running hardware kit #2354 and a .60-.90 marine engine. Both feature pre-joined hull and deck and require 2-channel radios.

Description

Dumas Scarab Deep Vee 60 Fiberglass Scarab KV/O.S. .61 VRM Dumas Scarab 38KV Fiberglass 55"....

#2352 Running hardware for Scarab 60 ..... #2354 Running hardware for Scarab 38KV

Stock #	Description	Retail	Now
TC3164		\$300.00	\$259.99
TC3165	SR 40/60 Tunnel Hull - Red/White	300.00	259.99

#### **DUMAS HOT SHOTS**

Dumas' full house of Hot Shots now contains five crowd-pleasing entries, including the new Hot Shot Sprint 3.5, an ABS-constructed water winner that

requires a 3.5cc engine, radio, and minimal assembly! For information on other Dumas Hot Shots-plywood or fiberglass versions of the **Hot Shot 45**, .21-powered Hot Shot IV or the versatile Hot Shot Sprint-see page 170 of our 1991 Catalog.

Stock #	Description	Retail	Now
TC3160	Dumas Hot Shot V—Wood	\$85.00	\$49.99
TC3161	Dumas Hot Shot 45—Wood	110.00	64.99
TC3162	Dumas Hot Shot Sprint 31"-36"	110.00	67.99
TC3163	Dumas Hot Shot 45 Fiberglass	190.00	142.99
TC3159	Dumas ABS Hot Shot Sprint 3.5NEW!	25.00	72.99

#### **BLUEBIRD FIREBIRD ELECTRIC**

For new or seasoned R/C boaters, the 261/2 long Bluebird Firebird is quick, sporty, and fun. Kit includes molded 2-piece

hull with deck already attached, decals, 05 motor, speed control, and running hardware. 6-cell battery with Tamiya connector, charger, and 2-channel radio required. Combo includes kit, battery, charger, adapter, and radio.

	Stock #	Description	Retail	Now
ı	TZ2175**	Firebird/Airtr. VT-2P/6-Cell Batt/Power		
1	S.C. BOOK CO.	Quick Charger ComboSAVE \$8.00!	262.75	\$149.35
	TC3166	Bluebird Firebird Boat	89.95	69.99

#### MRP FOUNTAIN **SUPER BOAT**

This 41 1/2 " long recreation of the recordholding Fountain Superboat comes

ready to float, with a prejoined polystyrene hull and deck, Wizzard MS-1 motor and forward/reverse speed control...ideal for the novice! Add the **Fountain Performance** Pack—Two. Wizzard MS-2 motors and a geared outdrive—and you've got a serious competitor's dream boat! Requires a 6-cell, battery, charger, and a 2-channel radio.

merCruver

Stock #	Description	Retail	Now
TC3167	MRP Fountain Super Boat	\$189.95	\$129.99
TC3168	MRP Fountain Performance Pack	89.95	56.99

#### MRP MISS BUDWEISER

Fast. 26" long offshore

hull Deluxe version comes with twin motors and speed control. Basic kit requires twin motors and speed control. See page 173 of our '91 Catalog for required items and further details:

equired neriis	did furifier details.
Deluxe	Retail \$264.95
TC3169	Now Only \$139.99
Basic	Retail \$139.95
TC3170	Now Only\$84.99

# PRATHER LAP CAT III



APBA record-holder measures 36" long, with a 14" deck; floatation, turn fin, and more included. Requires 67 outboard engine, 2-channel radio and #1214 Accessory kit.

Retail \$189.95 Now \$129.99 TC3171 Only \$129.99

#### PRATHER SPITFIRE I



This stable, 30" high-performance hydro includes a durable, one-piece epoxyglass hull, turn fin assembly, and sponsons. Requires a 2-channel radio, K&B 3.5cc engine and Prather Accessory kit #1216.

Retail \$219.95 Now \$149.99

#### **DUMAS MISS CIRCUS** CIRCUS HYDROPLANE

167

\$167.99

449.98

204.99

57.99 57.99

\$225.00

275.00

87.00

87.00

Scarab KV



43" long, 1/8 scale hydroplane features pre-formed center section, die-cut ply parts, tri-color decals. Requires 11cc engine, 2-channel radio and hardware kit #2346

Retail \$235.00 Now \$139.99

#### LRP MARINE WORKSTATION

Foam-padded cradles and hook and loop straps hold models up to

8" wide for display/repair/building, Tilts 180°, rotates 360° for top convenience. Non-tip base tray is tapped for use with photo tripod. Tripod not included.

Retail \$49.00 Now Only \$39.99 TC3174

#### WAREHOUSE HOBBIES ENFORCERS



Ready to race -just add gasoline.

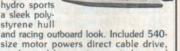
The 46"-long Enforcer RTR (ready-to-run) comes fully built. Fill up the 24 oz. tank with a regular gas/oil mix and run for up to an hour at

speeds up to 30 mph. It features a 25cc Homelite Weed Eater engine, pull starter, flex cable drive, self-actuated water pump, and Futaba 2NCS radio. Its fiberglass hull is av

avallable in	red of yellow. For more, see our 91 Calalog, page 17	J.	
Stock #	Description	Retail	Now
TC 3175	Enforcer Boat RTR w/Radio-Red	\$1095.00	\$799.99
TC3176	Enforcer Boat RTR w/Radio-Yellow	1095.00	799.99

#### MRP BUD LIGHT **TUNNEL HULL**

221/2 " long high-speed hydro sports a sleek poly-



size motor powers direct cable drive, moderated by a micro-switch speed control. Requires two 6-cell packs, charger and a 2-channel radio.

Retail \$209.95 Now \$124.99



"Basic Flight" gives tips toward becoming a perfect pilot!

> Basic Flight is 35 minutes of tips toward solving common flying difficulties (including takeoffs, landings, loops and rolls) using a standard high-wing aircraft. This full-color video lets you closely observe both the radio controls and the accompanying flying maneuvers at the same time. VHS only.

Description Retail TC3012 VHS "Basic Flight" Video \$17.95 \$15.99

Everything you need to learn to start flying R/C helicopters.

A great introduction to helicopter flying, "R/C Helicopters" teaches basic building and flying techniques, tools needed, how to set up at the field, how to hover, basic forward flight, and more. After you master the maneuvers you've learned in the Introduction, you're ready for the Advanced Helicopter Video. Both videos come in VHS only and are 40 minutes long.

Stock # Retail Description TC3015 VHS R/C Helicopters......
TC3016 VHS Adv. Flight Course ..... 34.95 27.99

#### "How To..." for R/C Planes: Our best selling video ever!

Containing a wealth of building hints, flying tips, and tricks of the trade, **How to Build and Fly a** Radio Controlled Model Airplane contains information applicable to any balsa wood model. You'll learn to choose the proper tools, frame the fuselage and wing, use adhesives, cover the plane and wing, install radio gear, and more. 85 minutes.

Description Retail TC3011 VHS Planes Video .... \$19.95 \$16.99

"R/C Car Companion" is a "Must Video" for all R/C car enthusiasts.

R/C Car Companion features tips for successfully building 2WD and 4WD R/C cars and trucks, with chapters on assembly tools, car parts, finishing, electrical wiring, and much more. You'll travel with "Crazy" Chris Chianelli on an informative, special effects-laden R/C journey, too! Approximate length: 35 minutes.

Retail Description TC3013 VHS R/C Cars Video TC3014 Beta R/C Cars Video. \$14.95 14.95 9.99



RC VIDEO MAGAZINE **SCALE HYDRO** RACING

Get a close-up look at the drivers and designers who make 1/8 scale hydro happen, and learn how you can join the fun! VHS only.

Retail \$29.95 TC1238

Only \$22.99

in the

DAVE BROWN FLIGHT SIMULATORS

Try out difficult stunts on your computer before trying them in the air. The Simulator is available in airplane and helicopter versions for the Apple II+, Apple IIe, Commodore 64/128, IBM, or Tandy computers. (The IBM version requires a game port and a CGA or EGA compatible display.) The simulator program comes on a 51/4" floppy diskette. It allows you to stall, spin, and even perform complex maneuvers such as rolling circles. If you crash, it even estimates repair costs!

Stock # TC2820	Description Planes—Commodore 64/128	140.46
TC2821 TC2822	Planes—Apple	109.99
	Planes—Tandy	119.99

Description TC2823 Heli—Co TC2824 Helicopte 64/128 TC2825 Helicopter—IBM TC2827 Helicopter—Tandy

#### RC VIDEO MAGAZINE **EXPO 90**





Enjoy 45 minutes of full-color action from Byron's 9th annual Aviation expo, including the famous "Striking Back!" seg- ment, recreating WWII's South Pacific conflict complete with in-air explosions and a simulated A-bomb detonation!

Retail \$19.95 TC1240

Now \$14.99

#### RHOM RETRACTABLE LANDING GEAR

Rhom's 2-Gear Retracts include a standard size, and a version with 3/16" struts for use with 1/4 scale aircraft. Rhom's 90° Rotating Retracts feature a rotation link mechanism that's strong, smooth, and built to last. With Tricycle Gear, you get standard mains, plus your choice of firewall-mounted or flat/belly-mounted nose gear. All systems include accessory equipment. Details on page 278-279, of our '91 Catalog.

Stock #	
TC2880	2-Gea
TC2881	20-

System 3/16 Struts TC2883 3-Gear Retracts— Firewall Mount.

Description

Stock # TC2884 TC2882

2-Gear Retracts

Description
3-Gear Retracts — Belly Mount ... \$109.9
90 Degree Main 3/16 Struts ..... 109.9

#### **HOBBICO** 90° ROTATING LANDING GEAR

Easy-to-follow instructions and a low Tower price make Hobbico Mechanical 90° Rotating Retracts an attractive way to add realistic looks to your model. Though designed specificially for Hobbico's new P-40E Warhawk, these aluminum and nylon retracts will fit most .60sized models. And though they're priced dollars less than the competition, they're designed to last through hundreds of thrilling flights!

Stock# TC1115

Retail Price \$44.95

**Airplane Accessories** 



Now Only \$29.99

#### **GREAT PLANES** LANDING GEAR

Put top value and dependability on your side during landings and takeoffs. Hardened for resiliency, Great Planes Dural Gear helps

absorb the stresses of rough landings and fields. From versions to fit .19 size models to massive gear for Quadra-sized models, Great Planes Gear offer simple, effective protection at an affordable price.

Stock # TC2875 Description

TC2876 .40 Dural Landing Gear..... TC2877 Sm. .60 Dural Landing Gea

Description TC2878 Lg. .60 Dural Landing Gear..... TC2879 Lg. .90-1.5 Dural Landing Gear.

.40 Dural Landing Gear

#### U.S. AIRCORE EXPLORER FLOATS

 Lightweight AirCore material supports aircraft from 4-7 lbs.

AirCore's unique cubical internal structure gives Explorer Floats incredible strength with minimal weight. Ideal for use with most .40-.60 size planes, these

floats will support planes weighing from 4-7 lbs. They come die-cut and scored for fast, easy assembly; just fold AirCore around the core piece, and apply contact cement! Set includes core piece, AirCore material, and 4-leg landing gear attachment.

Stock# TC1121

Retail Price \$39.95

Now Only \$24.99



# Flight Line & Track Equipment

# GREATPLANS Master Gaddy w/A.P.S. TOWER HOBBIES

Includes detachable



The Master Caddy is one field box you'll be proud to take to the field. Its detachable A.P.S. (Auxiliary Power Station) is ideal for engine starts away from the pit area. The A.P.S. will carry a 12V battery, power panel, starter, glow plug clip, even a few spare tools. The Master Caddy also features three top compartments, two large drawers with dividers, and a fuel compartment. The Master Caddy includes complete instructions for assembly and is made of sturdy plywood. It measures 25" x 1534" x 81/4". Buy the Combo, including: The Master Caddy Field Box, 12V field battery, 12V charger, power panel, and glow plug clip, and save even more!

Stock# Description Retail Now Master Caddy Combo .SAVE \$6.00! \$168.70 \$89.64 TZ2178

TC1842 Master Caddy w/A.P.S. . . . . . . . . . . . 39.95 28.99

# **Deluxe Power Panel**



The Tower Hobbies Deluxe Power Panel allows you to power all of your electronic field equipment from a single 12 volt battery. If your field box holds a 12 volt battery, you can install the Power Panel permanently and keep everything in one handy package. It provides 12 volt power to your electric starter, 12 volt or 6 volt power to your fuel pump, and 1-1/2 volt pulsed power to your glow plug for fast starts in all conditions.

The Deluxe Power Panel has a variable control knob and meter, enabling you to adjust the glow plug current, check for burned-out plugs, and detect engine problems. It's 6" wide, 3-3/4" high, and comes complete with 6 banana plugs and 2 alligator clips. Adding to its value warranty protection for one full year!

Stock #TC1865 • Retail Price \$41.95 • Now Only \$19.99

#### Expanded Scale Voltmeter

The Expanded Scale Voltmeter tests batteries using a simulated servo load for pre-cise, accurate readings. You can closely monitor your 9.6V transmitter and 4.8V receiver packs, plus keep track of their discharge characteristics. The Voltmeter is adaptable to most R/C systems. Connectors not included.

Stock# TC1866 TC1843

Hobbico Banana Plugs (3 pair). ·LCD display is



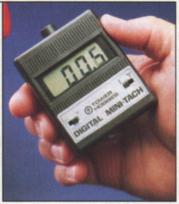
easy to read even in direct sunlight.

Description

Tower Hobbies Expanded Scale Voltmeter.

- Works with 2 & 3 bladed props.
- One year limited warranty protection.

The easy-to-use Mini-Tach lets you peak your engine for maximum RPM and evaluate the effects of different props and fuels. Simply point it at the spinning propeller and read the RPM shown on the digital LCD display (in increments of 100 RPM). It has an operating range of 0-29,000 RPM and comes assembled with batteries included. Works with 2- or 3-blade props.



TOWER

+9.6v

HOBBIES

Retail

\$24.95 3.95

\$11.99

Now Only \$36.99 Retail Price \$59.95

# *RATRAX*. FIELD BAGS

Two roomy sizes—three hot color combinations.

 Fully collapsible for easy storage.

Each side includes storage pockets.



If you're buying a car or truck, don't forget the field bag! Two sizes of new DuraTrax Field Bags easily carry your model plus tools and radio: deluxe measures 18" long x 10" wide x 10" deep, and extra large measures 22" long x 12" wide x 10" deep. Fully collapsible, yet they build up quickly with attached hook & loop fasteners into durable totes with sturdy side walls and a protective top, covered with a washable nylon fabric. Every side includes storage pockets. The handles, hand-stitched completely around each bag, won't come loose with wear. Choose from turquoise/blue, fluorescent orange/navy, or red/black, all with the DuraTrax logo screened on the side.

Stock#	Description	Retail	Now
TC2736	Deluxe Field Bag Turquoise/Navy	\$24.95	\$16.99
TC2737	Deluxe Field Bag Red/Black	24.95	16.99
TC2738	Deluxe Field Bag Orange/Navy	24.95	16.99
TC2739	X-Large Field Bag Turquiose/Navy	29.95	22.99
TC2740	X-Large Field Bag Red/Black	29.95	22.99
TC2741	X-Large Field Bag Orange/Navy	29.95	22.99

Tower Hobbies Brings You The Best of R/C For Less!

# Flight Line & Track Equipment

# TOWER TOWER POWER HOBBIES DELUXE 12V STARTER

- · Unique switch design for years of reliable service.
- · Textured finish for a sure grip.
- Speed and torque to start engines up to 1.8 cubic inches.

The **Tower Power Starter** is a deluxe, 12 volt model that features a deluxe aluminum starter cone with a V-groove and rubber insert, plus self-adjusting carbon brushes. An "easy press" start switch makes starting easy without requiring heavy finger pressure. A built-in finger guard promises safe starts. It easily starts engines up to 1.2 cubic inches. The **Tower Power Heavy-Duty Starter** has a larger armature that results in more torque, giving you the power to start engines up to 1.8 cubic inches. It's as easy to hold and operate as the Deluxe Starter. Both are perfect for airplanes, boats, helicopters, and cars. Add to their convenience with inexpensive replacement rubber adapters for spinners

Stock#	Description	Retail	Now
TC1863	Tower Power Starter 12V Deluxe	\$39.95	\$19.99
TC1864	Tower Power Starter 12V Heavy-Duty	59.95	34.99

# TOWER POWER MAY DELIVER POWER POWER

"Now with 2-year warranty"

# Hobbico Ultra-Tote

For convenience at the field and all-around durability, the **Hobbico**Ultra-Tote receives outstanding marks. The kit's main parts are made from 3/8"- and 1/4"-thick plywood for strength and durability. The large, deep drawer is held closed with a hook and loop strip when the box is in transit. An opening for a power panel easily accepts all popular models. The 12V battery powering your equipment is stored in a separate compartment with cooling slots to prevent damage from heat buildup. Fuel storage area is provided for a 1-gallon can or plastic bottle of fuel. For more convenience, foam-padded cradles are attached which can be adjusted or removed.

The Ultra-Tote comes in kit form with detailed instructions for easy assembly (decals and paint not included). Measuring 19" x 13¾" x 8¼", it's built to provide many years of handy use. The Combo includes Ultra-Tote with the Tower 12V Field Battery, 12V Charger, Tower Power Deluxe 12V Starter, Glow Plug Clip, and Power Panel.

 Stock #
 Description
 Retail
 Now

 TZ2179
 Ultra-Tote Combo
 . .SAVE \$8.00!
 \$158.70
 \$78.64

 TC1850
 Hobbico Ultra-Tote Field Box
 . . . . . . . 29.95
 19.99

# Panels made of durable, 3/8" and 1/4" plywood. Compartments for both bottles and cans of fuel. Convenient size and easy to assemble.

# HOBBICO SUPER HOT-SHOT

- Compact locking clip/NiCd combos power a full day of fun!
- · Recharge overnight with included wall adapter.

The **Hobbico Hot-Shot** combines a locking glow plug clip designed to fit standard or 4-cycle glow plugs with a high-capacity, 1.2V, 1400 mAh rechargeable NiCd. The result is a portable, reliable power source for starting your model car, boat, or airplane engine.

The Super Hot-Shot includes a long-reaching glow plug clip and a 4000 mAh NiCd battery -- a combination that results in enough power for an entire day's worth of modeling activity, or roughly one continuous hour of use. Both units include a heavy-duty wall outlet adapter that lets you recharge the battery overnight. An LED indicator lets you know when the charge is in progress. Whatever your glow power needs, you'll have the answer with a Hobbico Hot-Shot or Super Hot-Shot glow plug starter.

Stock#	Description	Retail	Now
TC1846	Hot-Shot Glo-Starter w/Charger	\$25.95	\$15.99
TC1847	Super Hot-Shot Glo-Starter w/Charger	39.95	27.99





# Flight Line & Track Equipment

#### **ADVANCED RACE CASE** AND MONSTER TRUCK CASES

Bag the biggest value in convenient carrying with Advanced's new **Monster Truck Cases**. Huge, 14" x 14" x 28" dimensions, zippered ends, and hook & loop pocket closures make 'em ideal for boats, as well as monster trucks. Color you

gone!, with the wild fluourescent look and carrying ease of the **Multi-Color Case** for cars. All cases made of tough, heavy-duty

cordula hylon, with ADS plastic hiseris to profect model and gear.					
Stock #	Description	Now	Stock #	Description	Now
TC1825	Fluorescent Case—Multi Color	\$32.99	TC1828	Race Case—Monster Case Pink	\$39.99
TC1826	Race Case—Monster Case Blue	39.99	TC1829	Race Case—Monster Case Orang	39.99
TC1827	Race Case—Monster Case Black.	39.99	TC1830	Race Case—Monster Case Yellow	39.99

#### **GOLDBERG TOTES**

Superbly-designed, the Super-Tote features a slimline profile, large battery compartment with removable front panel, and adjustable, removable, foam padded cradles that hold fuses up to  $5\frac{1}{4}$  " and tilt  $45^\circ$  for working convenience. Take just the essentials to the line with the Satellite Power Unit, then reattach with the Pro-Tote for maximum convenience and storage. Unique design remains balanced at all times, and includes large parts drawer, plus protected end compartment for radio. Both require assembly.

		- on rode	me assermery.
Stock #			Description
TC1840		Super Tote	
TC1841	Goldberg	Pro-Tote	

Super Tote

**Pro Tote** 

NFW!

Retail \$44.99 \$23.99 49.95 29.99

#### **ACE AT2000 CHARGER**

Fully-assem-bled and tested overnight AC charger offers constant current charging



of 1-10 cell packs; choose a fixed 50 mA rate for rx packs, or 25, 50, or 120A charge rates for tx packs. Auto trickle, two power plugs included; Adapter and connectors required.

Reta	il \$49.95	
TC1	820	

Now \$39.99

#### **ACE DIGIPACE-ASSEMBLED**

These lab-quality cyclers will automatically discharge and recharge both receiver and transmitter NiCds simultaneously or independently. They are available with receiver

charge rates of 20/50 MA with 6, 9.6, or 12V on the transmitter side, or 50/120 mA for 1000-2000 mAh batteries. Both are also available with automatic trickle charging. to fit your particular radio system are required. All sold asse

Connectors to the your particular radio system are required. All sold assembled.				
Stock #	Description	Retail	Now	
TC1821	Ace 20/50mA Digipace I Battery Cycler	\$109.95	\$84.99	
TC1822	Ace 50/120mA Digipace Battery Cycler	109.95	84.99	
TC1823	Ace 50/120mA Digipace w/Auto Trickle	139.90	107.99	
TC1824	Ace 20/50mA Digipace w/Auto Trickle	139.90	107.99	

#### LIGHTNING AIRCRAFT WORKSTATION

Convenient display/building/repair station features a stable base tapped for use with tripod, plus ro-

tating, tilting, foam-padded cradles that secure up to .65-powered craft with hook and loop straps. Tripod not included.

001

Retail \$49.00 TC1854

Now \$39.99

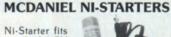
#### RAM SIMPLE **CYCLER**

Connect receiver and transmitter batteries to

Simple Cycler; when they are discharged to the proper level for recharging, an alarm sounds. Connectors not included.

TC1858

Retail \$19.95 Now \$16.99



standard 1.5V glow plugs, works sideways and inverted

and comes with glow plug bolt. Ni-Starter w/Meter reveals glow plug condition instantly. Both Ni-Starters include 110V UL-listed charger and 90-day guarantee.

GlowPlug,Batt&UL Chgr Retail\$29.95 TC1855 Now Only\$16.99 Meter & UL Charger

Retail\$34.95 Now Only\$19.99

#### **TOWER HOBBIES** LOCKING **GLOW PLUG CLIP**

Extra-long socket reaches plugs in enclosed-cowl engines or en-gines in rollcage gas-powered

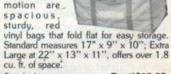
buggies. Fits standard, long, or 4-cycle glow plugs. Alligator clips included.

**Retail \$5.95** TC1867

Now Only \$4.79

#### **KYOSHO FIELD BAGS**

These "must-haves" for for modelers in motion are spacious.



Standard TC1852 X-Large TC1853

Retail\$19.95 Now Only\$14.89 Retail \$24.95 Now Only \$17.99

## TC1856 **Electronic Speed Controls**

#### **FUTABA SPEED CONTROLS**

The competition MC11B and MC12B operate at 130 amps and 100 amps respectively. Both feature proportional forward, reverse, and electronic brake. They come with standard connectors. The MC111B and MC112B



maximum continuous current, and is available with Airtronics or Futaba J connector. All-purpose #205 for

MC11E control check	Futaba J mini- connectors 3 and MC12B. The MC1 features proportional focircuits. It works with 5-210 amps continuous and	116 com rward wi 8 cells o	petition s th brake operation	and MC111B
Stock # TC2393	Description MC11B w/Rev. 7.2-8.4V,G	Now \$74.99	Stock # TC2396	Description MC112B w/Rev. 7.2-8.4V.J
TC2394	MC111B w/Rev. 7.2-8.4V,J			MC116 Comp. 6-9.6V,J

TC2395	MC12B w/Rev. 7.2-8.4V,G	59.9
ARIS	TO-CRAFT SP15	600

MOSFETequipped SP1500 speed control is fully



proportional with reverse and measures 2.36" x 1.26" x.94". 150A maximum continuous current, with an on- resistance of 0.01 V/A. Weight: 2.73 oz.

Retail \$59.95 TC3178

Now \$32.99 Only

#### AIRTRONICS SPEED CONTROLS New, 12 MOSFET Contender offers brake/propor-

tional reverse, plus heat-and reverse-voltage protection. Low-cost forward only w/brake Champ handles 4-6 cells and stock motors. Like Champ, 2.2 oz. Impulse is rated at 90 amps max. continuous current. It's designed for use with standard motors and 4-6 cells. For serious 1/10 and 1/12 scale competition, it's Super Vortex

rated at 360	DA max, continuous current,	ALCOHOLD STUDIOS	
Stock #	Description	Retail	Now
TC2885	Contender Speed Control w/ReverseNEW!	\$99.95	\$69.99
TC2886	7.2V Champ Speed Control	79.95	29.99
TC2887	Impulse Speed Control w/Reverse 7.2/8.4V	99.95	49.99
TC2892	Super Vortex Speed Control	189.95	119.99





	has the same amp ratingideal for drags, or any high-draw application!	tric Speed Control			
Stock # TC3179 TC3180 TC3181	Description Astro Flight Hydro Spd Cntrl 32 Cell—AirtronicsNEW! Astro Flight Hydro Spd Cntrl 32 Cell—FutabaNEW! Astro Flight Electric Speed Control 7-28 Cell		Now \$107.99 107.99 129.99		

#### TRAXXAS SPEED CONTROL

The durable, affordable Sport Speed Control features propor



with reverse, and operates at 75 amps continuous, and 150 amps maximum current. Resistance of 0.025 ohms.

Retail \$75.00 TC3182

\$41.99 Only



# DTX-4 ELECTRONIC SPEED CONTROLS

Even if you're racing on a "beginner's budget", you can still enjoy pro-quality acceleration and response with the DuraTrax DTX-4 electronic speed control.

Priced dollars less than the competition, the DTX-4 leads the pack in putting dependable electronic speed control in your hands affordably. Fully-proportional control gives you the smooth, split-second response you need for top acceleration out of the hole, and harnessing power through tight spots in the track.

And while it's first in affordability, the DTX-4 is second to none in durability. Manufactured to strict quality controls

here in the U.S.A., the DTX-4 comes with a full 120-day warranty, guaranteeing your satisfaction. And since it's equipped with TEMPFET® technology, your DTX-4 will automatically react to overloads by shutting down, saving you the cost of costly repairs or replacements

The DTX-4 comes with tool kit, complete instructions, and your choice of Futaba J, Airtronics, Kyosho, or JR Propo connector. For the money, it's the best electronic speed control, ever!

TEMPFET TM is a registered trademark of Siemens Components, Inc.

Stock # TC2749 TC2750 TC2751 TC2752	Dura Trax Electric Speed Control-Futaba J Connector  Dura Trax Electric Speed Control-Airtronics Connector  Dura Trax Electric Speed Control-Kyosho Connector  Dura Trax Electric Speed Control-JR Propo Connector	Retail \$99.95 99.95 99.95 99.95	\$5°
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# SPEED CONTROLS

#### TOWER IS YOUR NOVAK HEADQUARTERS.







Just 1.57" x 1.33" x .62", Novak's economical T-4 gives entry-level drivers top-quality electronic speed control for 4-10 cell use. TEMPFET®-protected against overloads and overheating, this forward-only unit features a dirt-and moisture resistant plastic case. Built-in LED makes neutral and high-speed settings easy, while pre-wired harnesses for battery and motor connections keep installation time down. The T-4 is FET-rated at 176 amps maximum continuous current, with 50 amps of braking current, and an on-resistance of just 0.0045 ohms. Weight: 1.74 oz. Includes power plugs.

Stock #	Description	Retail	Now
TC2757	NESC-T4 w/LED & Futaba-G Connector	\$115.00	\$64.99
TC2758	NESC-T4 w/LED & Universal Connector	115.00	64.99

410 High-Frequency





Recharge as you race! Novak's 410 MXc speed control offer MEGAFET transistors and true, digital design for smooth, linear acceleration and up to 20% longer run times for competitive, 1/10 and 1/12 scale drivers. Rated at 500A max, continuous current, with an on-resistance of just 0.0015 ohms, this TEMPFET®-protected unit also features adjustable 20-140 amp current limiting and two-color LED for neutral and high settings, so you can dial-in for max traction and battery efficiency. Surface-mount components keep weight to just 2.29 oz.; dimensions are 1.58" x 1.78" x .62".

Stock #	Description	Retail	Now
TC2760	410-M1C Hi-Freg. Speed Control-Universal	\$175.00	\$99.99
TC2761	410-MXC Hi-Freq. Speed Control-Universal	200.00	117.99

828 High-Voltage

This fully-proportional, forward-only control handles the power of 8-28 cells, to provide smooth, linear acceleration in drags, pulls, boats, and airplanes. MEGAFET transistors reduce on-resistance to just 0.0018 ohms while digital, high frequency design extends run times and motor life and reduces commutator glazing. Two-color LED simplifies set-up, while surface-mounted components minimize weight (2.51 oz.) and add durability. Rated at 500A max. constant current, with TEMPFET®-protection against overloads and locked transmissions. Deans power plugs are included.

Stock #	Description 828-HV Hi-Voltage ESC-Universal	Retail	Now
TC2759		\$199.95	\$124.99

610-RV Reversible





Digital, high-frequency 610-RV offers fully-proportional forward and reverse, with adjustable 0-3 second Reverse Delay for top driving performance and versatility. Ideal for the performance-minded club racer, the 610-RV offers a 6-10 cell capacity, TEMPFET®-protection, and MEGAFET transistors for ultra-smooth acceleration and an on-resistance of just 0.0090 ohms. Rated at 200A (forward) maximum continuous current, and 100A for brake and reverse. Surface-

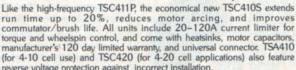
	omponents offer lighter weight and greater reliability; on/off switch is dust-proof and ity. Regenerative battery charging extends motor life, and extends run times up to 2 lled.		
Stock #	Description 610-RV Speed Control w/Reverse-Universal	Retail	Now
TC2762		\$165.00	\$99.99

TEMPFET® is a registered trademark of Siemens Compo ents, Inc.



# SPEED CONTROLS





Stock #	Description	Retail	Now	
TC2763	TSC410S High Frequency Digital ESC NEW!	\$130.00	\$79.99	
TC2764	TSC411P High Frequency Digital ESC	170.00	103.99	
TC3223	TSC420 High Frequency Digital ESCNEW!	200.00	129.99	

See the Speed Control Reference Chart on page 201 of our 1991 Catalog for side-by-side comparisons of many speed controls.

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#### **Tower's Trinity Prices** Can't Be Beat!

# **RINITY** MOTORS

**Make Tower Hobbies** Your Trinity Headquarters!

#### SPEEDWORKS TRIAD

 Low-cost hand wound modified motors.

Built around the Speedworks can, wet magnets and composite endbell, Trinity's
Triad™ Motor Series



feature hand-wound armatures and adjustable timing for top performance and track adaptability. A thermal coating helps dissipate power-robbing heat. Dynamically-balanced armatures and diamond-trued commutators run truer and cooler for

longer life and better performance.								
Stock #	Description	Now						
TC2648	Speedworks Triad-9T	\$39.99						
TC2649	Speedworks Triad-11T	39.99						
TC2650	Speedworks Triad-13T	39.99						
TC2651	Speedworks Triad Wave Ryder NEW!	39.99						
TC2627	Gargantua All Purpose	44.99						
TC2630	Hammer TimeNEW!	44.99						
TC2631	Chris Doseck SignatureNEW!	44.99						
TC2632	Bad BoyNEW!	44.99						
TC2633	Ballisticated MachNEW!	28.99						
TC2634	Radical Dude MachineNEW!	28.99						
Park Production								

#### **SPEEDWORKS**

Machine-wound stock & modified power!

Stock or modified, entrylevel or expert, there's Speedworks

Motor for your buggy or truck. Trinity's one-piece can, high-output 4.0 2-stage wet magnets and machine-wound armatures make high performance affordable. Composite endbells eliminate meltdown, and keep Speedworks motors running at

optimum	race temperatures.	
Stock #	Description	Now
TC2639	Speedworks 427 4WD	\$24.99
TC2640	Speedworks 350 2WD	24.99
TC2641	Speedworks Monster Mash	22.99
TC2642	Speedworks Monster Mash 2	24.99
TC2643	Speedworks Joel Johnson Stock	16.99
TC2647	Speedworks Tony Neisinger	22.99
TC2638	Matched Madness Motors (2)	59.99
TC2644	Speedworks Monster Marine .NEW!	16.99
TC2645	Speedworks Chris Doseck NEW!	24.99
		ALC: NO SECTION OF THE PERSON

#### MONSTER HORSEPOWER

Hand-wound modified motors with more lowend punch!

Trinity's Monster Horsepower Motors

provide outstanding performance with today's 1700 mAh batteries. An incredible variety of potent winds, plus adjustable timing, powerful 4.0 2-Stage wet magnets, ball bearings, and composite or aluminum endbells puts Trinity technology and power in your pit, no matter what your R/C application.

V	Stock #	Description	Now
9	TC2646	Speedworks Modified Marine NEW!	\$59.99
9	TC2624	Nuclear Assault Drag	44.99
9	TC2625	Godzilla 2 Dirt	44.99
9	TC2626	King Kong Modified	44.99
9	TC2628	Magic Speed Joel Johnson	44.99
9	TC2629	Torkzilla Oval	44.99
9	TC2635	Monster Stock	14.99
9	TC2636	Clodbuster (Normal Rotation)	37.99
9	TC2637	Clodbuster (Reverse Rotation)	37.99

# **MOTORS**

Factory-tested and brokenin for top performance.

ROAR-approved 2WD Ultra Stock has hot 36° timing. The 15T Double and 13T Triple

Signature **Pocket Rocket Stock** Blueprint motors are ROAR- and

NORRCA-legal modifieds that come with 3 sets of springs and two brush sets. The 11-turn Annihilator produces 50,000 RPM for superfast drag or oval action. For blistering 4WD dirt or asphalt oval times, it's the 13-turn Carolina Mountain. The machine-wound Pocket Rocket 27T stock motor and Pocket Rocket 15T modified motor feature bushings for top power at low cost. New "Signature Series" ROAR Stock Motor and 11T Oval Motor are hand-assembled and equipped with special racing brushes, "High-Temp" springs, and new, super-tough "Magnatorque" magnets. Each is dyno-tested and tuned for maximum power by the world-famous

Stock #	Description	Retail	Now
TC2653	2WD Ultra Stock Motor	\$28.00	\$18.99
TC2654	Blueprint 15 Double Motor	99.50	59.99
TC2655	Annihilator Drag/Oval Motor	80.00	49.99
TC2656	Carolina Mountain Motor	80.00	49.99
TC2657	Blueprint 13 Triple Motor	99.50	59.99
TC2658	27T Pocket Rocket Stock Motor	28.00	19.99
TC2659	15T Pocket Rocket Ball Bearing	45.00	29.99
TC2660	Signature Pocket Rocket Stock	28.00	19.99
TC2661	Signature Pocket Rocket 11TNEW!	80.00	49.99

#### ASSOCIATED MOTORS

Cool the competition with a new modified Ultra Torque motor! New, stronger magnets offer greater resistance against heat build-up, enabling you to run strong when others fade in the backstretch. Factory-tested **Elite Stock Motor** features competiton "silver" brushes and dual motor capacitors for less radio noise. Competition Stock gives you the edge in 1/10 and 1/12 scale races with advanced timing. Ball bearings, adjustable timing, and 19 turns of .65

wire n	nake the Reedy Esprit Ul	timate 2	the top	dog in 1/10 Elite Stock	•
Stock	Description	Now	Stock #	Description	Now
TC2893	3 Ultra Torque Mr. K's 17 T Quad	\$49.99	TC2900	Ultra Torque Mr. A's 14 T Triple	\$49.99
TC2894	4 Ultra Torque Mr. R's 16 T Triple	49.99	TC2901	Ultra Torque Mr. L's 14 T Double.	49.99
TC2895	Ultra Torque Mr. D's 14 T Quad	49.99	TC2902	Ultra Torque Mr. T's 11 T Triple	49.99
TC2896	6 Ultra Torque Mr. C's 13 T Quad	49.99	TC2903	Reedy Elite Stock Motor NEW!	17.99
TC289	7 Ultra Torque Mr. J's 12 T Quad	49.99	TC2904	Reedy Competition Stock Motor	17.99
TC2898	8 Ultra Torque Mr. E's 13 T Triple	49.99	TC2905	Esprit Ultimate 2 Motor 2WD BB	27.99
TC2899		49.99			

#### TEAM LOSI MOTORS

For traction and power, choose the Revolution Insane. Brutus offers a wide power band for excellent top end. Revolution Super Stock is custom-tweeked. 17-turn JR's Choice is designed for the JR-X2. Double-wind 19-turn Monster Truck Motor churns out car crushing power. The Jack Johnson Motown Missile is a 12-turn single wind. New **Big Ed** 15T quad motor is ideal for 1/10 on-road. **Super Insane** 11T single wound motor is for high-banked oval racing.

s for flight-ballked oval facil	ig.		
Description	Now	Stock #	
Monster Truck Motor 19T	\$49.99	TC3019	6
Big Ed Motor 15T Quad	49.99	TC3022	1
Super Insane Motor 11T	49.99	TC3020	
Revolution Insane	49.99	TC3018	•
	Description Monster Truck Motor 19T Big Ed Motor 15T Quad	Monster Truck Motor 19T \$49.99 Big Ed Motor 15T Quad	Description   Now   Stock #



#	Description	Now
9	Super Stock	\$17.99
2	Motown Missile Motor 12T	49.99
ō	Jr's Choice Motor 17T	49.99
8	"Brutus" Modified	49.99

#### **REVTECH MOTORS**

Double-wind 13-, 15- and 19-turn Ultra Sport motors comes with dual ball bearings and split brushes. Economical, bushing-equipped Super Sport are singlewind 17-, 20-, and 23-turn motors that offer bottom-end speed and top modified performance. Also available: Reviech's Maxima Stock motor for smooth off-road power; Super '91 Stock, with open endbell, 24°



TC2622

#### PEAK PERFORMANCE MOTORS

Quality craftsmanship and materials show in the top performance of Peak Performance motors. These wet-magnet motors feature armatures that are meticulously hand-wound and welded, then locked in place with a high-temperature epoxied coating. Diamond-trued and dynamically-balanced, each motor is hand-assembled and dyno-tested to assure the highest possible horsepower, durability...and satisfaction.

Stock #	Description	Now	Sto
TC3183	Psucho Stock Motor	\$17.99	TC3
TC3184	Modified Motor - 19 Quad	49.99	TC3
TC3185	Sprint Motor - 17 Double	49.99	TC3
TC3186	Animal Motor - 16 Quad	45.99	



Description	Now
Wild Thing Motor - 14 Double	\$49.99
Beast Motor - 12 Double	49.99
Ricks Pick Motor - 13 Triple	45.99

# "Modified" Performance at a "Stock" Price!





Mega Motors is a registered trademark of Darda, Inc. USA manufacturer of Darda racing cars and track sets.

- Affordably-priced motors with Mega-performance!
- There's a Mega Motor for virtually all on-road and off-road drivers.

360 Outlaw Monster Truck

22X1
Outlaw Stock

16X2 4WD
Off-Road

18X2
2WD Off-Road

20X2
On-Road

18X2
2WD Off-Road

12X2
Paved
Oval

18X2
Paved
Oval

18X2
Paved
Oval

Get a blast of modified performance with a wet magnet-equipped Kyosho Mega Motor. Now available in reverse rotation models, the 22x1 Outlaw Stock and 360 Monster Truck motors feature pre-set timing and metal bushings for smooth, powerful performance. Other

models include adjustable timing and ball bearings for even greater performance and on-track versatility. So don't merely install another motor in your car — install "Mega-Power" with a new Kyosho Mega Motor!

Stock Number	Description	Retail Price	Sale Price	Use	Max. RPM
TC2603	12x2 Paved Oval Motor	\$42.95	\$27.99	Ultra high speed for paved oval racing. Dirt oval, 4WD.	37,000 RPM
TC2604	14x2 Dirt Oval Motor	42.95	27.99	High speed for dirt oval racing. Paved oval, 4WD off-road.	33,000 RPM
TC2605	16x2 4WD Off-Road Motor	42.95	27.99	High speed for 4WD off-road. Dirt oval, 2WD off-road 1/10 on-road.	29,000 RPM
TC2606	18x2 2WD Off-Road Motor	42.95	27.99	Good speed & torque for 2WD off-road. 4WD off-road, 1/10 on-road.	27,100 RPM
TC2607	20x2 On-Road Motor	42.95	27.99	High torque for 1/10 & 1/12 on-road. 2WD off-road.	24,000 RPM
TC2608	22x1 Outlaw Stock Motor	29.95	17.99	All purpose motor for all kinds of racing. Also good in boats & planes.	22,000 RPM
TC2609	360 Monster Truck Motor	29.95	17.99	High torque for monster truck racing & pulling. Good in boats & planes.	21,000 RPM
TC2610	Outlaw Stock Motor-Rev.Rot.	29.95	17.99	Hyperdrive-equipped cars. (See TC2608 description.)	22,000 RPM
TC2611	360 Monster Motor-Rev.Rot.	29.95	17.99	Dual-motored monster trucks. (See TC2609 description.)	21,000 RPM

# SUPER STOCK MOTOR

• ROARlegal for stock



These 27-turn powerhouses are ROAR-legal! Get maximum acceleration out of the hole on tight courses with the 20° timing of the 21,600 RPM Super Stock 20. Short duration races that require all-out power demand the 28,000 RPM Super Stock 34, with superhot 34° timing. Note: due to the racing nature of these motors, Kyosho's warranty does not apply.

20° Retail \$27.95 TC2600 Now Only\$14.99 34° Retail \$27.95 TC2601 Now Only\$9.99

# KYOZHO <sup>®</sup> LE MANS



There's a low-cost, high-powered LeMans motor for virtually every application. The 240ST is a high-speed, off-road sprint motor that's the stock powerhouse in the Turbo Optima Mid SE. The 360ST with bronze bushings and ball bearing-equipped 360PT are high-torque motors designed for heavy-duty off-road or R/C boating use. The 600E is a long-duration motor that offers a peak of 18,000 RPM. The M36 is a high-speed motor for eletric planes that reaches 21,600 RPM. The Stock 05 is an economical replacement motor for all around use that's also used as the original powerplant in models like Kyosho's Double Dare, Sideways, Buick Stocker, and Ultima II. It's also available in a reverse rotation model for paired power in monster trucks. The AP-29 has proven itself in many Kyosho electric aircraft; available in both normal and reverse rotation, it's an ideal 380-sized replacement motor for boats and planes. For Baja Bugs, Mini Stockers, Formula 1 Racers, and 1/8 scale motorcycles, Kyosho offers the DM20 replacement motor, and upgraded performance with the ball-bearing DMC 20 BB.

Stock#	Description	Now	Stock#
TC2589	600E LeMans Elec Motor		TC2595 AP-
TC2590	360PT LeMans Elec Motor w/BB		TC2594 Sto
TC2591	360ST LeMans Elec Motor		TC2596 Left
	Stock 05 LeMans Elec Motor	13.99	TC2598 LeN
TC2593	240ST LeMans Elec Motor	17.99	TC2599 LeN
			TC2507 1 -1

Hossico ® DURATRAX.
BLAST OFF!™



- Prolongs running time and extends motor life.
- An excellent value at a great low price.



Improve your model's racing performance with economical DuraTrax Blast Off Motor Spray. Blast Off safely removes dirt and grime from any electric motor, and is also ideal for cleaning bearings. Blast Off comes in a generous 20-ounce can for the price of 16 ounces, and is ozone safe.

Retail \$5.49 Now \$3.99 TC1908 Only \$3.99



6-Cell, 7.2V Battery

(incl.) and Charger These huge, 1/10-scale, 2WD electric car crushers are all muscle. Their thoroughly-engineered chassis and front and rear bumpers redefined off-road durability. Each has a rugged, 4-wheel independent double-wishbone suspension; four oversized, coil-over friction shocks; fully-enclosed gearbox; and heavy-duty 3-step forward/1-step reverse speed control...ammunition that shot the Big Brute to a three-event win at the 1989 NR/CTPA World Championships.

METAL BUSHINGS

Weight: 5.8 lb

Motor: LeMans Stock 05

The Big Boss features a scale Ford F-250 body with chromed rims, front bumper, and grill, roll bars with lights, detailed V-8 engine, and bold new decals. A clear Toyota body with rollbar and full decals dress up the Brute for crushing. Both Lexan bodies take a pounding and still look fresh off the lot. And wait till you see the size of those monster tires! Ultimate Combos are available with both monster trucks. Order today and watch the competition run for cover!





Width: 12.2" Height: 11.6"

Length: 18.3' Width: 11.8"

Height: 10.4"

Wheelbase: 10.4' Weight: 98.7 oz. Motor: LeMans Stock 05 (two incl.)

Radio: 2-Channel Battery: 6-Cell, 7.2V, & Charger

# **Double motors, double** shocks, 4-wheel drive, 4-wheel steering!

Four-wheel drive, All-wheel steering, Two high-torque LeMans Stock 05 motors. Twin oversized truck shocks per wheel. The Double Dare is twice the machine compared to most other R/C trucks.

Adding to the 1/10-scale electric Double Dare's sophisticated power and handling are a tough ABS chassis, front and rear independent double-wishbone suspension, completely-enclosed gearboxes, heavy-duty rotary speed control, and huge 5.7"-diameter x 2.8"wide tires. A sharply detailed Lexan Nissan body, complete with decals and chrome accents, tops off a killer crusher package. Double your crushing power and save big with the Double Dare Ultimate Combo!

Tower Hobbies Is Open For Business 365 Days a Year!



#### **Great Kyosho Trucks at Low Tower Prices!**

New

heavy-duty

suspension design.

Stock#	Description	Retail	Now
TC2004	Kyosho Big Brute Monster Truck	\$169.95	\$99.99
TC2005	Kyosho Big Boss Monster Truck		119.99
TC2007	Kyosho Double Dare 4WD/4WS Elec	234.95	169.99
TC2008	Kyosho USA-1 4WD/4WS Electric	319.95	239.99
TC2768	6 Cell Power Battery Pack	24.95	17.99
TC2564	Kyosho Ball Bearing Set-BigBoss, B. Brute(14)		31.99
TC2566	Kyosho Bearing Set-USA-1, D. Dare(20) .	64.95	42.99

# **Cost-cutting Combos Save You More!**

Stock#	Description	Retail	Now
TZ2180*	* Big Brute/Airtr. VT-2P Radio/7-Cell		
and the late	Battery/#900 AC/DC Auto Charger		
	Performance ComboSAVE \$5.00!	\$359.80	196.96
TZ2181*			
	Battery/#900 AC/DC Auto Charger		
	Performance ComboSAVE \$5.00!	369.80	216.96
TZ2182*			
	Battery/#900 AC/DC Auto Charger		
	Performance Combo .SAVE \$10.00!	424.80	261.96

The 1/10-scale USA-1 electric monster truck has it all. The machine was created in cooperation with the popular full-size USA-1's owner, reproducing the mighty 1990 Chevy Silverado body seen on ESPN and at car-crushing events in the model's highly-detailed durable Lexan scale body, decals, and chrome accents. This 4WD/4-wheel steering masterpiece is also unmatched for power and maneuverability. The 4-wheel independent suspension features new steering arms, upper and lower control arms, and axles. The upper arms have adjustable camber, and the front steering blocks have 10° of caster for perfect handling. Suspension travel is an impressive 1½".

Other standard features include redesigned steering blocks, metal bushings, speed control, eight coil-over shocks, and heavy-duty aluminum shock towers. Replacement tires are already available, as are heavy-duty hop-ups from MaxTrax—see page 60. The USA-1—the zenith of monster truck size, style, and unstoppable performance. Order yours today!

#### Even More Savings with Ultimate Combos!



Kyosho truck Ultimate Combos all include: model, radio, 6-cell battery, charger, field bag, paint, brush, and 8 "AA" batteries. Big Boss Ultimate Combo also includes striping tane.

Stock#	Description	Retail	
TZ2228**Big	Boss Ultimate Combo	. \$368.509	239.99
TZ2226**Big	Brute Ultimate Combo	. 357.55	209.99
TZ2218** Doi	uble Dare Ultimate Combo	. 428.45	279.99

#### LOSI JR-XT RACING TRUCK

Team Losi's 1/10 scale JR-XT is based on the popular JR-X2, and is the first true monster racing truck. It features a graphite chassis, ball bearings, 5-link rear

suspension, Toyota racing truck body, three-piece monster truck wheels, natural rubber truck tires, and adjustable body mounts. Required are a 2-channel radio and all electrics. See pages 47 and 49 of our '91 Catalog for battery and motor values!

Stock# TC2013 •

Retail Price \$339.95 •

Now Only \$182.99

#### **BOLINK INVADER RACING TRUCK KIT**

Make your mark on the 1/10 scale racing truck circuit with the Invader Racing truck. Based on the chassis from the popular Bolink Invader oval racer, this kit features a suspension



redesigned to handle the jolts of monster trucking. Low, 2.5:1 gear ratio gives you added torque and acceleration on the straights and comin' out of the hole. Kit comes with a tough monster truck body, plus knobby rear and grooved front monster truck tires. Requires all electrics and a 2-channel radio.

Stock #	Description	Retail	Now
TC2001	Bolink Invader Monster Truck Kit	\$169.95	\$99.99
TC2002	Bolink Invader Monster Truck Kit-PaintedNEW!	189.95	114.99

ARISTOCRAFT DRAGGIN' WAGON PULL SLED

The 1/10 scale Draggin' Wagon comes assembled, made of alu-minum and polycarbonate plastic. Equip

your Blackfoot or Kyosho monster truck for pulls with MaxTrax **Hitch Kits**, dazzling gold-anodized kits which offer up to  $2\frac{1}{2}$  " in drawbar height adjustment. All mounting

maranare n	neradea. Gee nomigo delom		
Stock #	Description	Retail	Now
TC2000	Aristocraft 1/10 Draggin Wagon Pullin Sled	\$109.95	\$39.99
TC2841	MaxTrax Hitch Kit for Kyosho	24.95	19.99
TC2842	MaxTrax Hitch Kit for MRC Blackfoot	24.95	19.99

PARMA CALIFORNIA SPORT TRUCK

Let Parma's 1/10 scale California Sport Truck take you away to the land of sun, sand, and surf! Hot custom graphics, chromed BBS wheels, ultra low-profile tires, and groundeffects spoilers make this one hot cruiser. Also features a



fiberglass chassis, aluminum rear hubs, ball-type differential, and a steel axle with bushings. Add a 2-channel radio, pinion, and all electrics, and you're ready to grab some street! Grab top motor and battery values on pages 47 & 49 of our '91 Catalog!

Stock# TC2020

TRUCK

Retail Price \$99.95

Now Only \$58.99

ROYAL CRUSHER MONSTER Royal's 1/10 scale Crusher Monster Truck combines 2WD speed with 4WS handling. Features high-traction semipneumatic synthetic rubber tires, a sealed transmission with gear differentials, and an independent, double-wishbone, deep-travel suspension. Other features include chrome roll bar, bush guard and rims, plus molded polycarbonate Ford F-150 body. Requires 6-cell battery with Tamiya connector, charger, and 2-channel radio.

Description

Crusher/6-Cell Batt/Power Quick Charger/ Airtr VT-2P .....SAVE \$5.00! \$282.75 \$159.35 Royal 1/10 Crusher Monster Truck...... 109.95 76.99

MRC (E) MONSTER TRUCKS

Choose from 7 popular models.

**Blackfoot** features a realistic, chromeaccented Ford body and rollbar. Based

1/10 scale on the Blackfoot

Clodbuster

chassis, the 1/10 scale Monster Beetle scrambles over any terrain with its huge 5.1" diameter tires. Dual motors on the 4WD/4WS Clodbuster can be switched to run in parallel for power, or in series for endurance. The 2WD **Mudblaster's** suspension gives it top travel over tough tracks. A ball, bearing-type diff gives the **Nissan King Cab** true racing truck power. The 1/12 scale **Lunch Box** sports a Dodge van body ready for customizing. A '53 Ford F-100 body gives the **Midnight Pumpkin** nostalgic looks. All include body, motor(s), speed control, coil-over springs, tires and wheels. All require a 2-channel radio, charger and 6-cell pack battery.

Stock #		Description	Retail	Now
TC2313	1/10	Electric Blackfoot 2WD	\$144.95	\$99.99
TC2315	1/10	Electric 4WD/4WS Clodbuster	357.95	239.99
TC2316	1/10	Electric Mud Blaster 2WD	184.95	99.99
TC2314	1/10	Electric Monster Beetle	209.95	144.99
TC2318		Electric Nissan King Cab	259.99	172.99
TC2320	1/12	Electric Lunch Box	137.95	91.99
TC2321	1/12	Electric Midnight Pumpkin	165.95	112.99

#### TRAXXAS SLEDGEHAMMER

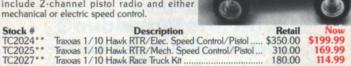
The electric Sledgehammer Truck Kit 2WD features a fully-independent suspension equipped with 8 high-volume, coil-over oil shocks. Supertough, with T-6 aluminum, ABS plastic and nylon construction, the Sledgehammer also includes an '89 Chevy Sportside body with chrome rollbar for top looks and style. RTR version comes with an RS-540S motor, 2channel radio, and electronic speed control, requiring only 6-cell and charger. Kit version

requires an e	ectives, speed cornior, and radio.
Stock #	Description
TC2026	Traxxas Sledgehammer Truck Kit
TC2028**	Traxxas Sledgehammer Ready to Run ESC Pistol

\$205.00 \$114.99 395.00 199.99

#### TRAXXAS HAWK RACE TRUCK KIT

Traxxas' 2WD Hawk race truck offers smooth response, powered by a Mabuchi RS540S motor and 3-step forward/reverse speed control. Tub chassis, chrome-plated wheels, low-profile tires, oil shocks, turnbuckle suspension, and Lexan body included. Requires battery, charger, and a 2-channel radio. New RTR versions include 2-channel pistol radio and either



#### TRAXXAS 1/10 SCALE **BLUE EAGLE RACE TRUCK**

Just 18.1" long, the 1/10 scale Blue Eagle features a quietly-tough new tranny with individually-adjusted slipper clutch and ball differentials. Unbreakable suspension arms and offset front wheels provide 2½ " of travel, with T-6 oil-filled aluminum shocks to absorb jolts. New bell crank steering and adjustable metal

turnbuckles provide smooth, sure handling. Requires body, all electrics, 2-channel radio, and electronic speed control. (See the DuraTrax DTX-4 ad on page 47!)

Stock# TC2029 • Retail Price \$350.00 • Now Only \$179.99



Stock #

TC2023

# KYDSHD OUTLAW RAMPAGE TRUCK



• If you think the electric trucks are fast—wait till

ength: 14.75" Width: 11.5" you blow them away with gas power! Height: 7.5" Longer run times, greater power, hotter speeds...Kyosho's new

look and sound! The included O.S. .12 CZ-R engine, already mounted to the rugged aluminum chassis and featuring easy recoil starting, provides high RPMs that the heavy-duty gear differential drive turns into blistering speeds.

Outlaw Rampage 2WD gives R/C stadium truck racing a whole new

The Outlaw Rampage features the same independent suspension with adjustable upper arm lengths and the proven racing wheels and tires that made the Outlaw Ultima ROAR Region III Monster Truck Champion. Chassis and wheel dirt guards are also included. Long adjustable,



Engine with easy pull-start, fuel tank, and gear box already installed.



Tough aluminum chassis protects engine and radio components.

oil-filled, coil-over shocks on all wheels provide perfect dampening. Fuel tank and glo-starter are also included.

The racing Ford pickup body and colorful new decals recreate the excitement of real stadium racing trucks. Add to the Outlaw Rampage's performance with Kyosho Universal Swing Shafts, ball bearings, adjustable tie rods, and Ultima hop-up parts (see pages 58-63). Only a 2-channel radio is required for nitro-powered stadium racing truck action.

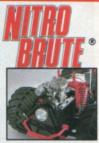
Stock #TC2011 • Retail Price \$399.95 • Now Only \$289.99



The 1/10-scale, 2WD Hi-Rider Corvette electric car crusher is a massive 18" long, 12" wide, and 10" high. It boasts a durable ABS chassis, an enclosed gearbox to protect the drivetrain gears, 4-wheel independent double-wishbone suspension, a LeMans Stock 05 motor, and twin Kyosho oversized chrome-plated truck shocks mounted at each wheel. Huge, 5.7"-diameter tires with chrome-plated wheels provide positive traction and nearly three inches of ground clearance. Required are a 2-channel radio, BEC receiver, 6-cell battery, and charger.

Stock# Description Retail Now TZ2222\*\*Hi-Rider Ultimate Combo . . . . . . \$370.50\$209.99 TZ2184\*\* Hi-Rider/Airtr.VT-2P/7C Batt/ #900 AC-DC Auto Charger Performance Combo .SAVE \$10.00! 369.80 191.96 TC2006 Kyosho Hi-Rider Corvette 2WD Electric 179.95 99.99 Kyosho Bearing Set for Hi-Rider (14) . . . 49.95 31.99







O.S. CZ-2 engine included.

Throw some dirt around with the awesome 1/10 scale Kyosho Nitro Brute! Standing 10" tall, 12.2" wide, and 18.5" long, this car mauler is ready to roll right over any obstacle in its path. Its Lexan<sup>TM</sup> Toyota truck body is mounted on gigantic 5.4"-diameter, 3.2"-wide truck tires, topped off with nerf rollbars, sturdy bumpers, mirrors, fuel tank, special muffler, and more. Four-wheel independent double-wishbone suspension and four oversized Kyosho truck shocks keep you in control.

Roaring with the authentic sound, speed, and smell of full-blown nitro power, the Nitro Brute's chassis is designed to handle the 24,000 RPM output of the included O.S. .12 CZ-2 engine. Beef up your Brute's performance with an optional complete ball bearing set to reduce friction. Add a 2-channel radio, and your car crushing adventures are ready to begin. Save big with Tower's combo that includes the Nitro Brute and Pulsar Pro Radio for one low price.

Stock # Description TZ2185\* Nitro Brute/Airtr.VT-2P Radio . . \$449.90\$276.98 TC2010 Kyosho Nitro Brute w/O.S. .12 CZ-2 . 329.95 229.99 TC2555 Comp. Bearing Set for N. Brute (16) . .

Start your truck racing career with a winner.

KYDSHO OUTLAW ULT MATRUCK

ROAR Region III Monster Truck Champion!

The affordable **Kyosho Outlaw Ultima** 1/10 scale, 2WD racing truck is a winning entry into R/C truck racing competition. A light-weight, extra-durable Kelron™ chassis houses the included Super Stock 34° motor and heavy-duty rotary speed control. New, light-weight racing wheels—including built-in dirt guards—and pin-spike racing tires deliver speed and handling on any dirt track.

The Outlaw Ultima's independent suspension includes adjustable upper arm lengths and front and rear long oil-filled shocks with increased travel that provide the most responsive handling imaginable. The shocks are mounted on rugged duraluminum shock towers. This truck can also be hopped up with most Ultima buggy parts.

Capture the glory in championship stadium racing, R/C style, with the Outlaw Ultima. With this truck, everything's behind you all the way. Including your competition.

Stock# Description Retail Now TZ2186\*\* Outlaw Ultima/6C Batt/Quick Chgr

Airtr. VT-2P Radio . . . SAVE \$10! \$399.80 \$239.96

Wheelbase: 11"
Motor: Super Stock 34°
Requires:
Radio: 2-Channel
Battery: 6- or 7-Cell Stick
or Saddle Pack & Charger

Tough
Kelron chassis
& Lexan body.

TC2003	1/10 Outlaw Ultima Racing Truck	229.95	164.99
TC2768	6-Cell Power Battery Pack	24.95	17.99
TC1537	6-Cell Power Quick Charger	24.95	14.99

# **Chargers**



#### 900 Series AC/DC Chargers

All feature Hobbico's 5-year limited warranty

Improved Hobbico 900 Series Chargers now feature Hobbico's 5-year limited warranty. All include new high output, low operating temperature transformers for reliable repeat charging, high quality internal components and insulated solder joints that assure efficient, safe charger operation, fuse-protection on AC input for added safety, and reverse-polarity protection for proper DC input.

For basic charging, the Model 900 AC/DC Auto-Charger fully charges 6-cell packs in 15 minutes, and 7-cell packs in about 30 minutes. An attached 5½' AC input cord lets you charge with standard household current. For use with a 12V DC auto battery, a 3' DC input cord with battery clips soldered in place is included. This fuse-protected charger has a variable rate 15-minute timer, trickle charge LED, and attached 2' Kyosho output charge cord. An included adapter allows you to charge most types of batteries.

The Model 905 AC/DC Multi-Charger includes the same features as the Model 900 (less trickle charge) and adds a selectable charge/discharge switch and a precision AMP charge meter. It also provides high output for fast charging of your 6-and 7-cell NiCds.



Height: 7.3'

Weight: 3.8 lbs.

BRIDGESTORE

Length: 16.7"

Width: 11.3"

Hobbico's 910 and 920 models feature a new side-mounted boost switch which gives you an extra boost of power for charging 7-cell packs and a new ventilated case design which allows heat dissipation of the internal components.

The 910 AC/DC Variable Rate Charger augments the fine qualities of the AC/DC Auto-Charger with a current adjust knob that allows you to regulate the charge rate for your specific battery requirements. Also featured are a plug-in voltmeter output for battery voltage monitoring, and a convenient charging rate chart located on the front panel.

The 920 AC/DC Digital Auto-Charger adds digital readout on both current and volts.

Whatever your charging need, there is a Hobbico Series 900 Charger for you!

TTILLE	ver your charging need, mere is a riodoleo ochies you charger to	you.	
Stock #	Description	Retail	Now
TC1531	#900 AC/DC Auto Charger w/Timer	\$39.95	\$27.99
TC1532	#905 AC/DC Multi-Charger w/Timer/Discharge Switch.	57.95	37.99
TC1533	#910 Variable-Rate AC/DC Multi-Charger	64.95	45.99
TC1534	#920 AC/DC Digital Multi-Charger	94.95	64.99
	Organize Your Order On the Order Form	n Before	You Call.



# PRO-TECH CHARGERS



AC/Dc 6-7 Cell Charger



AC/DC 4-8 Cell Charger



703 DC 6-7 Cell Charger

Pro-Tech's 707 AC/DC Peak Charger has a built-in peak detecting circuit and can charge two batteries at the same time. Four LED lights monitor its fast charging progress. The model **707** is also available with an SCR battery. The **706** combines the features of the 700 Digital and 707 Auto-Peak; it can fast charge one battery and top off a second at the same time. The **702** AC/DC, designed for 6- and 7-cell packs, works off of a 12V DC power source or household AC current. The **701** AC/DC is even more versatile, with adjustable current handles 4-8 cell battery packs. The **700** AC/DC Digital Charger includes all of the 701's features plus digital amounter vollmeter alligator clips as AC clips and a classrate lighter when ammeter, voltmeter, alligator clips, an AC plug, and a cigarette lighter plug.

Stock #	Description	Retail	Now
TC2742	Pro-Tech 700 AC/DC Digital Charger	\$109.95	\$65.99
TC2743	Pro-Tech 701 AC/DC 4-8 Cell Charger	69.95	43.99
TC2744	Pro-Tech 702 AC/DC 6-7 Cell Charger	59.95	36.99
TC2745	Pro-Tech 703 DC 6-7 Cell Charger	39.95	29.99
TC2746	Pro-Tech 706 AC/DC Dual Peak Charger	119.95	72.99
TC2747	Pro-Tech 707 AC/DC Peak Charger	89.95	54.99
TC2748	Pro-Tech 707 w/SCR 6 Cell Battery	119.50	82.99

#### **TEKIN CHARGERS**



Description Tekin BC100L Peak Charger-Linear

TURBOCHARGERS,

STOCK COP **& TURBO 30** 

Stock #

TC1543

TC1544

HI-IQ Sr.

DC powered Turbocharger cycler/charger/diagnostic lab features ammeter, voltmeter and clock, and offers peak charging of 1 to 7 cells, with a digitallypresettable charge rate of up to

10 amps. It also discharges 1-, 4-, 6-, and 7-cell packs, displays the 10-amp rate. Automatic charge/discharge cycle mode allows single cell matching for pack assembly. Linear Turbocharger adds constant current charging rate of up to 10 amps for SCE packs. Turbo Thirty 3-stage peak charger offers programmable amp & time rates, non-volatile memory to stage peak charger oners programmable amp & little rates, non-volatile memors of store and retain settins, and adjustable 1-10A charge rate. Other features include 30A single-cell discharge rate, 25A rate for 6-7 cell packs, built-in fan, and single-cell holder. Low-cost **Stock Cop** "polices" stock races to make sure all motors are legal! Simple, pushbutton use with voltmeter and 6-cell SCR pack (not included).

Stock #	Description	Retail	Now
TC1524	Competition Electronics Turbocharger	\$299.95	\$189.99
TC1525	Competition Electronics Linear Turbocharger	329.95	224.99
TC1526	Competition Electronics Turbo ThirtyNEW!	525.00	359.99
TC1527	Competition Electronics Stock Cop	125.00	87.99

#### **FIVE STAR CHARGERS**

The #5501 AC/DC Charger quick charges 6-7 cell packs, and features precision timer, amp meter, discharge circuit, and automatic trickle charge with LED. The #5500 AC/DC Charger adds 7-8 cell booster switch and adjustable 4.8V-9.6V charging. #5555 Digital AC/DC Charger adds digital amp/volt meter and current adjust feature. All are fully-tested and feature Lexan case and manufacturer's 5-year warranty.



5501 6-7 Cell Description Retail \$44.99 \$69.95 39.99 59.95 109.49 64.99



HI-IQ & BATTERY CONDITIONING ACCESSORIES

The easy-to-use HI-IQ's can do everything: grading/matching, charging, discharging, cycling, and more. They feature alpha-numeric digital display, constant display of amps, volts, time, and mAh, a digital keypad for function selection and data entry, plus digital voltmeter probes, motor current test circuit, and auto cycling up



to 99 times. HI-IQ Sr. has constant current discharge up to 25 amps. Compact, 8channel IQ x 8 Multiplexer features 8 high-current cell holders in a convenient drawer for multiple-cell matching; combined with HI-IQ Sr., it yields a 20A+discharge rate for faster cycling. With Hi-IQ PC Interface (sold separately), IQ x 8 can break-in or analyze up to 8 motors at a time, equalize and condition a single pack, or charge/discharge/grade up to 8 packs at a time! Add IQ Boost 2000 to HI-IQ or HI-IQ Sr. to convert to an incredible 100A discharge rate for testing and conditioning up to 20-cell packs for "surge" capability in drags and pulls! Convert your HI-IQ or AC charger for use with DC power sources with handy IQ Power-1 AC/DC Power Supply. Max output, 12A, with 8-15V current.

Stock #	Description	Retail	Now
TC3025	Victor HI-IQ NiCd Power Conditioner/Tester	\$349.99	\$269.99
TC3026	Victor HI-IQ Senior Battery Conditioner	449.95	349.99
TC3027	Victor IQx8 Multiplexer Expansion	349.95	279.99
TC3028	Victor IQ Boost 2000 Discharge BoosterNEW!	99.95	74.99
TC3029	Victor IQ Power-1 AC/DC Power Supply	139.95	109.99
TC3210	Victor HI-IO PC Interface	89.95	69.99

# **KYOZHO** \* CHARGERS



low-cost Multi-Charger II features fully-adjustable charge and discharge current to handle any 4.8-8.4V, 250-1800 mAh battery. Pushing one button sets time and starts your charge. A bank of LEDs



terminals, electronic timer, Kyosho/Tamiya connectors, and a handy storage compartment for the attached heavy-duty cords. But for a top-of-the-line peak charger, the F.E.T. Peak Charger can't be beat. In just 20 minutes, the F.E.T. Peak Charger will peak charge 4-7 cell, 270-1700 mAh packs from a DC power source...and then automatically switch to trickle charge to maintain top power. Convenient design includes one-button operation and a safety cut-off that prevents damage due to incorrect hookup! Cord and clips included; connectors required.

Stock #	Description	Retail	Now
TC1535	Kyosho Multi Charger II	\$39.95	\$27.99
TC1536	Kyosho FET Peak Charger	139.95	79.99

SAVE 8.00!

Reflex Peak Charger

\$66.99

129.99

Retail

\$110.00

210.00

Tekin BC210 Reflex Peak Charger	
Competition Electronics, Inc.	





#### EAM ASSOCIATED

#### REEDY BATTERIES

Associated gives you budget-pleasing flexibility in dealing with the power needs of short races and tight tracks with three different types of 6- and 7-cell, 1400 mAh SCR packs. **Ultra Power** packs use only the top 1% of all cells, matched for capacity and voltage, to put you in the top percentile of



power. Racer cells are computer-matched and cycled for maximum performance at low cost, while Team cells offer greater performance at a very minimal difference in price. Reedy's 6-cell, 1200 mAh Power pack comes assembled with universal connector for sport and fun runs, while the unassembled 6-cell **Team** SCE pack provides the extended run time and high output necessary for top modified finishes. Formerly available only to Team Associated racers, new **World SCE** unassembled packs are high-quality cells double-matched at a 20A discharge rate for voltage and capacity...and only

cells rated at 690-720 seconds survive! All (except Power Pack) require connectors.						
Stock #	Description	Retail	Now			
TC2906	Reedy Ultra 1400mAh SCR 7 Cell-Unassembled	\$70.00	\$57.99			
TC2907	Reedy Ultra 1400mAh SCR 6 Cell-Unassembled	60.00	49.99			
TC2908	Reedy Racer 1400mAh SCR 6 Cell-Unassembled	45.00	37.99			
TC2909	Reedy Team 1400mAh SCR 6 Cell-Unassembled	48.00	39.99			
TC2910	Reedy Racer 1400mAh SCR 7 Cell-Unassembled	52.50	42.99			
TC2911	Reedy Team 1400mAh SCR 7 Cell-Unassembled	56.00	44.99			
TC2912	Reedy Power Pack SCR 6 Cell-Assembled	36.00	24.99			
TC2913	Reedy Team SCE 6 Cell-Unassembled	54.00	42.99			
TC2914	Reedy World SCE 6 Cell-Unassmbled	66.00	52.99			
TC2915	Reedy World SCE 7 Cell-UnassembledNEW!	77.00	59.99			

Get the performance edge that Team Trinity drivers — guys like Joel "Magic" Johnson, Tony Neisinger, Bob Light and more — have enjoyed...the Pushed Cell advantage! Cells for Trinity's **Pushed Batteries** are cycled through a computerized charging and conditioning sequence to increase capacity, voltage output, and run time. Each cell is also computer-analyzed and labelled with run-time, average volts, discharge rate, and peak charge rate...and then matched with similar cells for packs of incredible consistency and power! They're available unassembled in 6- and 7-cell 1200 mAh SCR and 1700 mAh SCE packs, or in 6- or 7-cell, 1400 mAh SCE

Stock #	Description	Retail	Now
TC2670	6-Cell Pushed SCR Pack-Unassembled	\$59.99	\$34.99
TC2672	6-Cell Pushed SCE Pack-Unassembled	67.00	52.99
TC2673	7-Cell Pushed SCE Pack-Unassembled	77.00	59.99
TC2671	7-Cell Pushed SCR Pack-Unassembled	69.99	47.99
TC2674	6-Cell Pushed 1400mAh Pack	65.99	47.99
TC2675	7-Cell Pushed 1400mAh Pack	75.99	54.99

#### TRINITY MATCHED NICDS

Computer matched for efficiency, Trinity's unassembled cells come in 6- and 7-Cell SCE 1700 mAh versions for modified racing, and high-voltage 6- and 7-Cell SCR sets for stock class racing. Clodbuster owners can now enjoy matched power with Trinity's new 4400 mAh pack. Get shrink wrap,battery shunts and battery washers, Tamiya battery plug and assembly instructions in Trinity's Battery Building Kit.



300000000000000000000000000000000000000		N. St. St.	
Stock #	Description	Retail	Now
TC2662	6-Cell Matched SCR Unassembled	\$45.00	\$26.99
TC2663	7-Cell Matched SCR Unassembled	52.50	34.99
TC2664	6-Cell Matched SCE Unassembled	57.00	36.99
TC2665	7-Cell Matched SCE Unassembled	66.50	44.99
TC1511	Battery Building Kit	3.99	3.69
TC2676	Matched 4400mAh Pack-Clodbuster	99.99	64.99

#### TRINITY ASSEMBLED PACKS

**Assembled 6-Cell SCE** Pack w/Connector



Top power means top times and top finishes in today's competitive car-racing. Trinity's 6- and 7-cell SCR racing packs with Sanyo cells and Tamiya-type plugs have the high voltage recommended for stock motors. The 6- and 7-cell packs made of Sanyo SCE high-capacity cells give modified motors longer run times.

Stock #	Description	Retail	Now
TC2666	6-Cell SCR Assembled Pack with Connector	\$37.50	\$28.99
TC2667	6-Cell SCE Assembled Pack with Connector	45.00	34.99
TC2669	7-Cell SCE Assembled Pack with Connector	52.50	39.99
TC2668	7-Cell SCR Assembled Pack with Connector	43.99	34.99

# TOWER O

## **BATTERIES &** CHARGER



Hobbico 12V Mafrec





12V Field Battery

The 12 Volt 5 Ah Field Battery powers all of your electronic field equipment. The lead-acid starter battery is portable, rechargeable, and inexpensive. Electrolyte is not included. The Mafrec 12V Battery is a sealed, lead-calcium battery that delivers 6 amps of power. It works in any position, and you never need to add electrolyte. The **Tower Hobbies 12V Charger** plugs into a wall outlet and charges 12V lead acid sealed or gel-cell batteries overnight. Includes 6' cord and attached alligator clips.

		-	
Stock #	Description	Retail	Now
TC1200	Tower Hobbies 12V Field Battery	\$25.95	\$12.99
TM2125	* 3 12 Volt Field BatteriesSAVE\$6.00!	77.85	32.97
TC1175	Hobbico Mafrec 12V 6Ah Sealed Battery	37.95	24.99
TC1199	Tower Hobbies 12V ChargerNOW UL LISTED!	14.95	8.89



Adaptable to any radio system. Sanyo NiCd receiver packs are available in three sizes and are all 4-cell packs rated at 4.8V. The **600 mAh** NiCd pack is for most normalsized models. The **800 mAh** NiCd pack is for heavy-duty applications. Use the **1200 mAh** NiCd pack for 1/4 scale models. All come with an 8" lead attached. Just supply your own connector, and you'll have a new receiver battery pack! Individual Sanyo "AA" batteries can be used as receiver batteries for radio systems which call for "AA" dry-cell batteries. You can also use them to assemble packs for electric powered cars, boats, or airplanes.

Stock #	Description	Retail	Now
TC1195	600mAh 4.8V Receiver NiCd Battery Pack	\$16.50	\$8.99
TC1196	800mAh 4.8V Receiver NiCd Battery Pack	22.95	14.99
TC1197	1200mAh 4.8V Receiver NiCd Battery Pack	25.95	16.99
TC1198	600mAh 1.2V "AA" NiCd Battery	2.99	2.29
TM2124	* 12 "AA" NiCd BatteriesSAVE \$7.49!	35.88	19.99

#### **Batteries**



# **DURATRAX** • 1500 MAH BATTERY PACKS

DuraTrax 1500 PLUS Batteries give you 25% more run time. Available with Kyosho, Tamiya or RC10 connectors, these hard-working packs give you more fun per run for sport or racing. Flat and Tamiya-style hump packs come in both 6- and 7-cell versions. All batteries arrive assembled, with connectors attached.

Stock#	Description	Now	Stock#	Description	Now
TC2767	6C 7.2V Pack-Tamiya Connector	\$17.99	TC2771	7C 8.4V Hump Pack-Tam. Conn.	\$21.99
TC2768	6C 7.2V Pack-Kyosho Connector	17.99	TC2772	7C 8.4V Pack-Kyosho Connector	21.99
TC2769	6C 7.2V Hump Pack-Tam. Conn.	17.99	TC2773	7C 8.4V Hump Pack-RC10	21.99
TC2770	7C 8 4V Pack-Tamiua Connector	21 99			



# **DURATISAX** • 1400 SCR & 1700 SCE BATTERY PACKS

Now get the power of 6-cell Sanyo SCR and SCE NiCd packs at a low DuraTrax price! New 1400 SCRs offer fast discharge rates and high output for 4-minute races. They're ideal for stock and modified classes. 1700 SCEs provide maximum capacity for longer run times and are perfect for modified racers.

Stock #	Description	Retail	Now
TC2774	6-Cell Sanyo 1400 SCR — Tamiya Connector NEW!	\$49.95	\$29.99
TC2775	6-Cell Sanyo 1700 SCE — Tamiya Connector NEW!		the same of the same of the



#### **KYDSHD** 1700 MAH SPEED SCE BATTERIES

Extend run times up to 2 minutes without worrying about power loss at the end of a heat with Kyosho 1700 mAh Speed SCE Batteries. Sanyo matched cell technology can give your buggy the competitive edge. They're available in 6- and 7-cell flat pack versions, with either Kyosho or Tamiya connectors, and in a 6-cell saddle pack with Kyosho connector.

Stock#	Description	Now	Stock#	Description	Now
TC2796	6-C 1700 Speed SCE-Kyo Conn	\$33.99	TC2799	7-C 1700 SCE-Tam Conn	\$38.99
				6-C 1700 SCE Saddle-Kvo Conn	
TC2798	6-C 1700 SCE-Tam Conn	33.99			



## **KYDSHO** NICD POWER BATTERIES

Pick up power without a big increase in cost with economical Kyosho Power Batteries. Computer-matched NiCds and welded, tabless connections decrease resistance and increase capacity, putting 1200-1400 mAh of power in your car, boat or plane. These 6- and 7-cell batteries are available in flat or hump pack configurations, complete with your choice of factory-attached Kyosho or Tamiya connectors.

Stock#	Description	Now	Stock#	Description	Now
TC2786	6-C 1400 mAh Pwr NiCd-Kyo	\$15.99	TC2789	7-C 1200 Hump NiCd — Tam	\$23.99
TC2787	7-C 1400 mAh Pwr NiCd -Kyo	23.99	TC2790	6-C 1400 mAh NiCd - Tam .	15.99
TC2788	6-C 1200 Hump NiCd — Tam	15.99	TC2791	7-C 1400 mAh NiCd - Tam .	23.99



## **KYDSHO** RACING BATTERIES

Kyosho Racing Batteries use only matched Sanyo cells for unmatchable high performance! Whatever your application, there's a Racing Battery for you: the Sprint SCR NiCd Pack for fast action in 4-5 minute sprints, the 6-cell Racing Pack for most on- and off-road cars, and the awesome 8.4V, 7-cell Turbo Racing Pack. Kyosho connectors included.

Stock#	Description	Now Stock #	Description	Now
TC2794	6-C 1200 mAh Sprint SCR-Kyo	\$33.99 TC2792	6-C 1200 SCR Saddle-Kyo	\$39.99
TC2800	6-C 1200 mAh Rcng NiCd-Kyo	36.99 TC2795	7-C 1200 mAh Sprint SCR-Kyo	34.99
TC2801	7-C 1200 Racing NiCd-Kuo	39 99		



#### **BATTERY/CHARGER COMBOS**

Ideal for cars, boats, planes or monster trucks, the **Completer Combo** includes Kyosho's **DC Power Quick Charger**, a 6-cell battery, and an adapter for use with Kyosho and Tamiya cars.

Battery and adapter are also available in a combo with the **Hobbico** #900 Charger — an AC/DC quick charger that puts AC-charging capability and trickle charge at your convenience!

Stock #	Description	Retail	Now
TZ2187	DC Quick Chrgr, 6-C Batt, & AdaptSAVE \$2.00!	\$57.85	\$35.33
TZ2229	900 AC/DC, 6-C Battery, & Adapter .SAVE \$3.00!	67.85	45.37
TC1537	DC Power Quick Charger 7.2V 1200-1500 mAh	24.95	14.99

# **PEAK ORION BATTERIES**

Peak Performance brings internationally-known power packs to down-home racing with Team Orion Matched Cells. Formerly available only in Europe, these high-quality Sanyo cells are matched on a custombuilt Lavco computer system for

maximimum consistency and power. Each cell comes with a computer-printed label that provides discharge time (based on 10A), average volts, total energy, and its own unique I.D. number. Sets are then

Volis, total energy, and its own unique 1.0. Intimoer, sets are firely factory-sealed in boxes to ensure the most consistent power packs ever.

Orion NiCds are available unassembled, in both 6- and 7-cell 1400 mAh SCR packs for stock racing or 1700 mAh SCE packs for modified racing. Check the listings below for the matched power for your racing needs. Remember: the last three numbers of description indicates estimated run time in seconds!

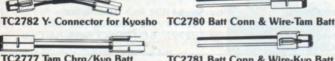
Hullibers C	description indicates estimated full title in seconds:		
Stock #	Description	Retail	Now
TC1186	Peak Performance Orion 1400 SCR 6 Cell - 510+	\$67.50	\$44.99
TC1187	Peak Performance Orion 1400 SCR 6 Cell - 450+	63.60	42.99
TC1188	Peak Performance Orion 1700 SCE 6 Cell - 670 +	81.00	54.99
TC1189	Peak Performance Orion 1700 SCE 7 Cell - 670 +	94.50	59.99
TC1190	Peak Performance Orion 1700 SCE 6 Cell - 650 +	75.00	49.99
TC1191	Peak Performance Orion 1700 SCE 7 Cell - 650 +	87.50	57.99

# **DURATRAX ADAPTERS &** TC2776 Tam Batt/Kvo Chg



Stock #	Description
TC2776	Tamiya Batt/Kyosho Chrg/Adap.
TC2777	Tamiya Chrg/Kyosho Batt/Adap.
TC2778	6C Cnnctor Set-Kyosho/Tamiya
TC2779	
TC2780	Batt Conn & Wire-Tamiya

CONNECTORS



102/8	I barr Conn & wire-Nyo	рап
Stock #	Description	Now
TC2781	Batt Connector & Wire-Kyosho	\$1.79
TC2782	Y-Conn. for Kyo/Kyo Spd Ctl	3.99
TC2783	Y-Conn Kyo/Tamiya Spd Ctl	3.99
TC2784	Y-Conn. Tam/Kyosho Spd Ctl	3.99
TC2785	Y-Conn. Tam/Tamiya Spd Ctl	3.99

Narrow

Front

1700 SCE

6-Cell-670+

#### **BATTERIES**

Super Gold SCE 6C

Reach new levels of performance power with PTI Super Golds



SCE 6 CELLS

With PTI Super Cells and Super Gold Cells the only thing that's pushed is the competition! Equivalent to the best pushed cells, Super Cells are "just" top-quality matched and cycled cells that cost less than pushed cells...and last longer, too. Available in assembled 6-cell SCE packs, Super Cells are also

in assembled 6-cell SCE packs, Super Cells are also available in unassembled, 6- and 7-cell 1400 mAh SCR or 1700 mAh SCE packs with plastic insulator rings, as are Super Gold Cells, which outperform even Super Cells. They also include single-cell shrink wrap and gold bars for fast, easy pack assembly. In addition to Super Cells and Super Gold Cells, PTI also offers: an assembled, 5-cell 50 mAh receiver pack; 700 mAh "AA" cells (perfect for FM/PCM transmitters); and assembled, 1400 mAh SCR or 1700 mAh SCE saddle pack batteries. All unassembled cells require connectors and leads; all . assembled packs include leads,

Stock #	Description	Now	Stock #	Description	Now
TC2806	5C Flat 50 mAh Receiver Pack	\$15.99	TC2813	6C 1400mAh Super Cells SCR	\$34.99
TC2807	6C Super SCE Assemb. Saddle	44.99	TC2814	7C 1400mAh Super Cells SCR	39.99
TC2808	6C Super SCE Assembled	44.99	TC2815	6C 1400mAh Super Golds SCR	59.99
TC2809	6 Cell Super Cells SCE	42.99	TC2816	7C 1400mAh Super Golds SCR	69.99
TC2810	7 Cell Super Cells SCE	52.99	TC2818	6 Cell Saddle SCÉ 1700mAh	34.99
			TC2819	6 Cell Saddle SCR 1400mAh	32.99
	6 Cell Super Golds SCE	67.99	TC2819	6 Cell Saddle SCR 1400mAh	32.99

SCR Unassembled 6C

#### PARMA MATCHED **NICD BATTERIES**

Parma matched SCR NiCds deliver fast power for high-speed sprints. They're available in unassembled 6or 7-cell sets, and as an assembled 6-cell pack with Tamiya connector.

Also available are an assembled 1300 mAh 6-cell pack w/Tamiya connector, and an assembled 6-cell SCE saddle-pack battery for optimum weight distribution. See page 151 of the Tower Catalog for additional details.

Stock #	Description	Retail	Now
TC2802	Parma Matched SCR-Unassembled 6 Cell	\$33.00	\$24.99
TC2804	Parma Matched SCR Pack Tamiya 6 Cell	36.50	27.99
TC2805	Parma Matched Sanuo Tamiva 6 Cell	32.00	24.99
TC2803	Parma Matched SCR Pack-Unassembled 7-Cell	38.50	29.99

# Car & Truck Accessories

Rear

#### KYOSHO COLOR WHEELS

Kyosho's wild low-profile wheels are available in eye-catching neon yellow, green, and orange. The color is molded in (not simply dyed) to make sure they'll keep their good looks through scores of punishing heats. Priced at just pennies more than normal white wheels, Kyosho Color Wheels are a fun, inexpensive way to add color to your buggy and an easy way to pick your car out of the pack. Available in front and rear styles for many popular buggies, includ-ing a special, narrow, front wheel for 4WD cars. See the '91 Tower Catalog page 52.

ione.	culaiog page oz.				
Stock #	Description	Now	Stock #	Description	Now
TC2920	Wheel Orange Front 4WD (2)	\$3.29	TC2916	Wheel Yellow Rear All (2)	\$3.29
TC2921	Wheel Green Front 4WD (2)	3.29	TC2917	Wheel Orange Rear All (2)	3.29
TC2922	Wheel Yellow Front 2WD (2)	3.19	TC2918	Wheel Green Rear All (2)	3.29
TC2924	Wheel Orange Front 2WD (2)	3.19	TC2919	Wheel Yellow Front 4WD (2)	3.29
TC2925	Wheel Green Front 2WD (2)	3.19	TC2923	Whl Narrow Yellow Frt. 4WD(2)	7.49

#### **HPI ON-ROAD TIRES**

Equip your RC10L, Hyper-10, or other direct-drive on-road with the great value and striking pink looks of new HPI on-road tires. Already mounted and trued on super light 1.8" dia., neon pink Aero-Wheels, these low-profile tires are available for both front and rear in blue or green compounds, or in or in nd of

'J" front	is and compound rears for y, traction, and value!		
Stock # TC3030	Description 1/10 Front Mounted Pink-Blue	Now \$9.99	Sto



Mounted Pink - Blue Front and Rear

k #	Description	Now \$9.99	Stock #	Description	Now
	1/10 Front Mounted Pink-Blue 1/10 Front Mounted Pink-Green 1/10 Front Mntd. Pink J Rubber.	9.99 10.99		1/10 Rear Mounted Pink-Blue 1/10 Rear Mounted Pink-Green . 1/10 Rear Mntd. Pink K Rubber .	\$11.99 11.99 12.99
032	17 TO FIGHT PING. FINK 3 Rubber.	10.95	103033	17 TO Rear Milid. Pilik K Rubber.	12.77

# TRINITY CLODBUSTER SHOCK SYSTEM

Replace your Clodbuster's original plastic shocks with the smooth efficiency of Trinity's anodized alumuminum oil shocks. Adjustable shocks come 4 per package.

Retail \$49.99 Only \$34.99 TC1506

**ASSOCIATED Rear Shocks** 1.32 **TEAM SHOCKS** 

Smooth-as-silk is the only way to describe the dampening action of these new shocks. The shock bodies are hard-anodized and Tefloncoated inside for super-slick, no-bind travel. A new internal seal makes these shocks virtually leakproof, while a new plastic tool makes

shock assembly simplifies shock assembly so it's virtually foolproof. Available in front

TC30

and rear s	tyles; see listings below for the sizes for your car.		
Stock #	Description	Retail	Now
TC1360	Associated Team Shocks Rear 1.32 (2)	\$30.00	\$19.99
TC1361	Associated Team Shocks Rear 1.02 (2)	30.00	19.99
TC1362	Associated Team Shocks Front .71 (2)	28.00	19.99
TC1363	Associated Team Shocks Front .56 (2)	28.00	19.99



# TEKIN MOTOR DYNO



Compact electronic dyno provides consistently fast, accurate readings of volts, amps, RPMs, and actual HP. Includes all hardware. Requires "slave" motor and 12V, 25A power supply.

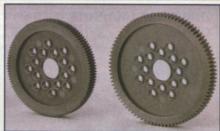
Retail \$325.00 Now \$219.99 TC1498

## **Car & Truck Accessories**



## **Precision Nylon** Spur Gears





Hop up your car affordably with new **DuraTrax Spur Gears**. Available in 48 or 64 pitch to fit most popular brands, they feature superior nylon construction and are

precision moided for opinhum in	lesii.	Stock # Description	Now
Stock # Description	Now	TC2832 64 Pitch-98 Teeth .	\$2.19
Stock # Description TC2828 48 Pitch-78 Teeth .	\$2.19	TC2833 64 Pitch-100 Teeth	2.19
TC2829 48 Pitch-81 Teeth .	2.19	TC2834 64 Pitch-104 Teeth	2.19
TC2830 48 Pitch-86 Teeth .	2.19	TC2835 64 Pitch-108 Teeth	2.19
TC2831 48 Pitch-90 Teeth .	2.19	TC2836 64 Pitch-120 Teeth	2.19

# KYOZHO

#### Neon Pit Pals





Kyosho Pit Pals give R/C style to the popular "Hip Pack" belt-style carriers. Ideal for carrying tools to the track or field, the handy belt's 100% vinyl zippered pouch includes convenient storage pockets to securely hold your belongings in place. Choose from four hot neon colors—green, yellow, orange, and pink — all emblazoned with the Kyosho logo. Inexpensive and perfect for R/C, biking, jogging, and more! Fits up to waist size 38.

Stk #	Description	Now	Stk#	Description	Now
	Neon Green	\$6.99	TC1553	Neon Orange	\$6.99
	Neon Yellow	6.99	TC1554	Neon Pink	6.99

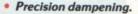
# ATTIAX. ANODIZED ALUMINUM RIMS



DuraTrax Aluminum Rims have a high-quality satin finish in brilliant gold or silver. They are precision-machined to high tolerances of .008/inch from heat-treated bar stock and come in front and rear styles to fit Kyosho, RC10, and Tamiya cars. Jazz up your racer with sizzling

1.6 and	1.9 Rims		1.6 Rear	Tamiya	1.9 Rear
	r-Red or Blue	TC2410	Silver (2)	TC2430	Silver (2)
	Gold or Silver	TC2411	Red (2)	TC2431	Gold (2)
\$15.557 T CIII	COID OF SILVER	TC2412	Blue (2)		0014 (2)
Kyosho	1.6 Rear	TC2413	Gold (2)	Tamiua	1.9 Front
TC2409	Silver (2)	RC10 1	.9 Rear	TC2427	Silver (2)
	,-,	TC2417	Silver (2)	TC2428	
	1.9 Rear	TC2418	Red (2)	TC2429	Blue (2)
TC2414	Silver (2)	TC2419	Blue (2)	102429	Gold (2)
TC2415	Blue (2)	TC2420	Gold (2)		A PROPERTY AND ADDRESS OF
TC2416	Gold (2)	RC10	1.9 Front		Rims-Silver
	The second of	TC2423	Silver (2)	\$27.99	Per Pair!
Kyosho	1.9 Front	TC2424	Red (2)		ver)
TC2421	Silver (2)		Blue (2)	TC2432	Front (2)
TC2422	Gold (2)	TC2426	Gold (2)	TC2433	Rear (2)

# Ky□∑H□ ® Shocks and **Shock Oil Set**



 Improve your car's handling — at little cost!

**Shock Oil Set** 







Gold and Platinum Shocks are oil-filled, coil-over, anodized aluminum shocks designed for precision dampening. Platinum are instantly adjustable by turning the ball end. Quad sealing makes them virtually leakproof, and two spring adjusters are included. Gold are triple-sealed and include three separate sets of pistons for varying the internal dampening. Both require shock oil. Oil, springs, and shock stoppers are not included. All are sold in pairs. Kyosho also offers the Shock Oil Set with three weights of color-coded oil.

Stock #	Description	Retail	Now
TC3036	Kyosho Shock Oil Set (Lt, Md, & Hvy) .	\$12.80	\$9.99
TC3037	Kyosho Gold Short Shocks (2) 3"	34.95	24.99
TC3038	Kyosho Gold Long Shocks (2) 4"	34.95	24.99
TC3039	Kyosho Platinum Short Shocks (2) 3".	39.95	29.99
TC3040	Kyosho Platinum Long Shocks (2) 4".	39.95	29.99

# Competition Shocks



Competitively priced.

Enhance your car's handling affordably with DuraTrax Competition Shocks. Both the 3" and 4" versions feature a gold-anodized shock body and silicon O-ring seal with a non-stick guide. Extremely easy to use — you just add oil (not included). Replacement parts are available. Sold two per set

Stock #	Description	Retail	Now
TC1379	Competition Shocks—Short Front 3"(2)	\$24.95	\$14.99
TC1380	Competition Shocks-Long Rear 4"(2)	24.95	14.99



#### Universal Swing Shafts



Reduce drag and friction for race-winning efficiency! Universal Drive Shafts unite your Drive Shaft and swing arm with a working U-joint for a "lose-proof", super-dependable power delivery system. Hobbico Swing Shafts are available to fit the RC10 and Tamiya cars; Kyosho Swing Shafts come in versions to fit the Rocky and Raider, or Optimas and all Ultima buggies!

Stock#	Description	Retail	Now
TC1390	Hobbico Univ Swing Shafts for Tamiya Cars (2)	\$34.95	\$17.99
TC1391	Hobbico Univ Swing Shafts for RC10 (2)	34.95	27.99
TC1440	Kyosho Univ Swing Shafts for Opt, Lazer, Ult(2)	29.90	23.99
TC1441	Kyosho Univ Swing Shafts for Rocky, Raider (2)	29.90	23.99

Call Toll-Free: Orders Only 1-800-637-4989—Order Assistance 1-800-637-6050

## **Car & Truck Accessories**

#### KYOSHO HEAVY-DUTY SPEED CONTROLS MKII

- New design resists wear and arcing.
- Protective shield keeps out dirt and dust.

Never buy another speed control again! Kyosho's Heavy-Duty Speed Controls MKII feature new

contacts designed to resist wear and arcing. They're also shielded to keep out dirt and are easy to set up. All three come with a Kyosho connector and lead for BEC hookup. See listings below for the version that fits your model.

Stock #	Description	Retail	Now
TC1437	MKII - Ultima II, Double Dare, USA-1	\$19.95	\$16.99
TC1438	MKII – 8.4 Volt Connector, Hurricane	19.95	16.99
TC1439	MKII - Sideways, Ultima 2, F1's	19.95	16.99



DURATRAX GRAPHITE Now, owners of Kyosho's 1/8 scale Turbo Burns and 1/10 scale Lazer ZX 4WD can discover the DuraTrax difference! Just 0.1" thick, DuraTrax CHASSIS graphite upgrades provide the weight and strength advantage for top finishes, at a price the competition can't touch. Other models include the Ultima Pro XL chassis, which extends chassis Ultima Pro

AL Chassis length by a luli 1/2:		
Description	Retail	Now
Ultima Pro Graphite Chassis, 7-Cell	\$59.95	\$39.99
Ultima Pro Graphite Chassis-Blank	59.95	39.99
Ultima Pro-XL Graphite Chassis	59.95	39.99
Ultima Pro-XL Graphite Chassis 1/2" longer	59.95	39.99
Turbo Burns Graphite Chassis	99.95	69.99
1-Piece Graphite Top Plate for Lazer ZX	9.95	7.99
RC10 Graphite Chassis-Blank.	59.95	39.99

#### **KYOSHO BALL** DIFFERENTIALS



The same type used by Kyosho Team drivers, these front and rear diffs reduce friction and power loss and deliver smooth power in Optima Mid, belt driveconverted Optimas, and Lazer ZX. Rear ball diff for Ultimas also available.

Stock #	Description	Now
TC1404	Ball Diff. Front-Opt., Lazer ZX	\$24.99
TC1405	Ball Diff. Rear-Optima, Lazer ZX.	24.99
TC1406	Ball Differential Ultima Series	24.99

#### **PROLINE RC10 TRUCK** CONVERSION

Complete conversion

KIT

Transform your RC10 into a terraintamin' truck with this comprehensive. package. Included are longer front axles, front/rear dyeable wheels, Ford racing body and mount, nylon wheel bearings, and knobby tires.

Retail \$79.95 TC1477

Now \$49.99

# Новвісо ® BBS WHEELS & **FOAM TIRES**

DuraTrax foam tires are ideal for 1/10 scale on-road racing. These tires are available in three popular compounds to match any track surface. Yellow is

ideal for carpet and drag racing, offering maximum traction. Green is the best all-around compound for asphalt, concrete, carpet, and hard-dirt oval racing. It provides excellent traction and lon life. Blue survives tough tracks that would eat up softer compounds. Rubber Slicks provide excellent on-road traction. Convert your JRX-2 or Kyosho off-roader for exciting road course action with direct-fit rear On-Road Rims. With BBS Wheels and BBS Adapters, you can use any of these tires for your off-road buggy. All tires are sold in pairs. All tires are black; color denotes rubber compound.

Stock #

TC2926 TC2927 TC2928 TC2929 TC2930 TC2931 TC2932

		,		Participation of the Control of the	
Stock #	Description	Now	Stock #	Description	Now
TC2518	Front BBS Rubber Slick (2)	\$4.99	TC2535	Mntd. Trued Re.1.5 Wide Yellow	\$11.99
TC2519	Rear BBS Rubber Slick (2)	5.99	TC2526	Pre-Trued Frnt. Tire Blue (2)	7.29
TC2520	Rear BBS Rubber Slick ULP (2)	5.99	TC2527	Pre-Trued Frnt. Tire Green (2)	7.29
TC2521	Rear BBS Tire Blocktread (2)	5.99	TC2528	Pre-Trued Frnt. Tire Yellow (2)	7.29
TC2523	Mounted/Trued Front Blue (2)	9.99	TC2536	Pre-Trued Rear Tire Blue (2)	7.99
TC2524	Mounted/Trued Front Green (2)	9.99	TC2537	Pre-Trued Rear Tire Green (2)	7.99
TC2525	Mounted/Trued Front Yellow (2)	9.99	TC2538	Pre-Trued Rear Tire Yellow (2)	7.99
TC2530	Mounted/Trued Rear Blue (2)	11.99	TC2522	BBS Rim Front (2)	3.49
TC2531	Mounted/Trued Rear Green (2)	11.99	TC2529	BBS Rim Rear (2)	3.99
TC2532	Mounted/Trued Rear Yellow (2)	11.99	TC2539	BBS Wheel Adapter RC10	2.19
TC2533	Mntd. Trued Re.1.5 Wide Blue	11.99	TC2540	BBS Wheel Adapter Tamiya	2.19
TC2534	Mntd. Trued Re. 1.5 Wide Green	11.99	TC2541	BBS Wheel Adapter Kyosho	2.19

#### ANDY'S RC10 PRO RACE KIT

RC10 high-tech hop-up kit incldes ultra-trick rack and bell crank for max-

imum steering control and all parts for trailing or standard H-arm suspensions. Included graphite chassis come predrilled for both-just add your RC10 gearbox and shocks

Retail \$159.95 TC1357

Now \$99.99

• Reduced \$10.00

#### KYOSHO MONSTER TRUCK LIGHT SETS

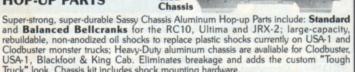
Each set contains clear lights (two headlights or four

fog lights), all necessary wiring, on/off switch, and battery holders. Both fit Big Brute, Nitro Brute, Big Boss plus other R/C cars and trucks with modification. Add two "AA"

batteries per set. Fog Lights TC1420 Head Lights TC1421

Retail\$19.95 Now Only \$15.99 Retail \$10.20 Now Only \$7.99

#### SASSY CHASSIS **ALUMINUM HOP-UP PARTS**



Clod

HUCK	iook. Cilassis kii iliciaaes s	HOCK IIIC	dinning no	ildware.	
Stock #	Description ·	Now	Stock #	Description	Now
TC2576	Std. Bellcrank-RC10, Ult., JRX2	\$29.99	TC2585	Chas w/Lift Pln-CldbstrNEW!	\$69.99
TC2577	Bal. Bellcrank-RC10, Ult., JRX2.	29.99	TC2586	Chas w/Lft&Strtch-Cldbstr.NEW!	69.99
TC2580	Mst.Shock-Clodbuster, USA-1 (4).	39.99	TC2587	Chassis Plain-King CabNEW!	69.99
TC2583	Chassis Plain-Clodbuster	57.99	TC2588	Chassis Plain-Blackfoot NEW!	69.99
TC2584	Chassis Plain-USA-1 NFWI	84.99			

#### **JGM CONVERSION KITS**

Race-proven RC10 Total Truck Conversion puts you in monster truck competiton with a Lexan-bodied leader! Includes body, tires, dyeable, direct bolt-on rims, truck body mounts, body post kit w/spacers and instructions. Conversions now available for new RC10 Champ Edition. Also available for Ultima and

		700		
Stock #	Description	Retail	Now	
TC1397	J.G. Mfg. Basic Monster Conv. Kit-RC10 Champ NEW!	\$38.95	\$26.99	
TC1398	J.G. Mfg. Total Monster Conv. Kit-RC10 Champ NEW!	83.95	59.99	
TC1399	J.G. Mfg. Total Truck Conversion Kit-RC10	83.95	59.99	
TC1400	J.G. Mfg. Total Truck Conversion Kit-Ultima	83.95	59.99	
TC1401	J.G. Mfg. Total Monster Truck Conversion-Laser	75.95	54.99	

#### MAXTRAX HEAVY-DUTY TRUCK ACCESSORIES

Beef up for truck pull pandemonium with heavy-duty MaxTrax accessories. Machined metal Drive Hubs set includes hubs, drive pins, and hex screws. Front and rear aluminum shock towers install on most Kyosho trucks with little or no modification. Steel gear set includes U-joints, gears and U-joint guide shaft. Gold-anodized Hitch Kits include all mounting hardware

and are	available for most popular	trucks.
Stock #	Description	Now
TC2837	HD Aluminum Wheel Hub Set	\$16.99
TC2838	HD Aluminum Frt. Shk. Tow. (2)	19.99
TC2839	HD Aluminum Rr. Shk. Tower(2).	19.99
TC2840	HD Steel Gear Set-Kyosho	59.99



HD Steel Gear Set					
Stock # TC2841 TC2842 TC2843 TC2844	Description Hitch Kit for Kyosho	Now \$19.99 19.99 19.99			

#### A & L MONSTER TRUCK CONVERSION KITS

A&L conversion kits make it easy and economical to transform your Ultima, Lazer, RC10, or JRX-2 into a winning stadium truck.

Lazer (which does not require them), all versions also include front axles, four ball

ocurnigs, c	and mondenons.		
Stock #	Description	Retail	Now
TC1348	A&L Monster Truck Conversion - Ultima	\$69.95	\$49.99
TC1349	A&L Monster Truck Conversion - Lazer	62.50	44.99
TC1350	A&L Monster Truck Conversion - RC10	69.95	49.99
TC1351	A&L Monster Truck Conversion - JRX2	57.95	41.99

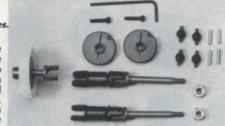


# THORP TELESCOPING DRIVE KITS

 Eliminates stripped shafts and lost dog bones.

Equip your truck with the strongest and most reliable drive system yet - the Thorp Telescoping Drive Kit. On rough terrain, the universal driveshafts telescope out, allowing greater suspension travel and eliminating the possibility of stripping the drive shaft or losing a dog

Thorp 2020



Drive kits (which include telescoping drive shafts, axles, anodized aluminum wheel, and hardware) are available for Kyosho's Big Boss and Outlaw Ultima truck. Also available are **Drive Kits w/Diff** for Blackfoot, Outlaw Ultima, Big Boss, and Kyosho's biggest, baddest, 4WD/4WS truck ever, the USA-1.

Stock #	Description	Retail	Now
TC3041	Thorp 2020 Telescoping Drive w/Diff-Blackfoot	\$105.00	\$69.99
TC3042	Thorp Telescoping Drive w/Differential-Outlaw NEW!	95.00	64.99
TC3043	Thorp Telescoping Drive Kit-OutlawNEW!	60.00	39.99
TC3044	Thorp Telescoping Drive w/Differential-Big Boss .NEW!	95.00	62.99
TC3045	Thorp Telescoping Drive Kit-Big BossNEW!	60.00	39.99
TC2941	Thorp Differential Kit w/Telescoping Axle-USA-1 .NEW!	95.00	62.99

#### TRACK MASTER **TRANSMISSIONS**

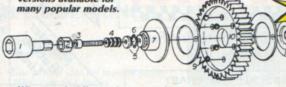
Aluminum and graphite versions of Turbo Glide Belt Drive Transmissions are available for both the RC10 and JR-X2/JR-XT; a mid-motor mounted, ball bearing version with outdrive is also available for the Blackfoot. Track Master also offers easy-to-

install graphite and aluminum Direct Drive Conversions for the JR-X2, JR-XT, and JR-Pro, which include fully-adjustable ball diff and 48-pitch gears.

Stock #	Description	Now	Stock #	Description	Now
TC3055	Belt TranAlum RC10	\$69.99	TC3059	Belt Trani-Blkft Outdry w/BB	\$64.99
TC3056	Belt TranGraph RC10	79.99	TC3060	Dir Drv TranAlum JRX2 .NEW!	64.99
TC3057	Belt TranAlum JRX2/JRXT	69.99	TC3061	Dir Drv Tran-Graph JRX2 NEW!	69.99
TC3058	Belt TranGraph JRX2/JRXT	79.99			

# DIFFERENTIALS

Versions available for



When stock differentials just won't do, invest in one of the toughest, most

dependable differentials on the market today...a Thorp differential.

A Thorp differential means improved performance, strength, and durability, whether you're an off-road racer or monster trucker. And with Thorp's selection of units for popular cars and trucks, there's sure to be a Thorp diff that's just right for your application.

Available models include three differentials designed for the Blackfoot (including a complete diff w/axles), a new Big Boss differential, and a new USA-1 diff that includes dogbone axles. See listings below for the Thorp differential that fits your needs!

Stock #	Description	Retail	Now
TC2933	Thorp Differential-Frog Blackfoot (Stock)	\$50.00	\$37.99
TC2934	Thorp Differential-Frog Blackfoot (Thorp)	50.00	37.99
TC2935	Thorp Differential-Blackfoot Complete w/Axles	93.00	59.99
TC2938	Thorp Differential-Big Brute	50.00	37.99
TC2936	Thorp Differential-Raider	50.00	39.99
TC2937	Thorp Differential-Ultima Outlaw	50.00	37.99
TC2939	Thorp Differential-Big BossNEW!	50.00	32.99
TC2940	Thorp Differential Kit w/Dog Bones-USA-1	78.00	49.99
TC2942	Thorp Differential-King CabNEW!	50.00	32.99

#### ASSOCIATED STEALTH TRANSMISSION

Revolutionary new gearbox is the lightest, tightest RC10 tranny ever!

New, ROAR National winning RC10 direct replacement tranny provides a super-low 2.25:1 gear ratio using only three 48-pitch internal gears. Design includes fully-adjustable slipper clutch, externally-adjustable ball diff with tungsten-carbide balls, Teflon-sealed outdrives and 9 stainless steel ball bearings. Extra-light, extra-narrow interlocking case keeps tranny virtually dirt free.

Stock# TC1367 • Retail Price \$120.00

Now Only \$78.99

#### TRACK MASTER STEERING & SUSPENSION KITS

Get rid of steering slop with these handy, low-cost kits! Replace loose or worn-out ball cups with heavy-duty, bolt-on swivel ball links that bring back that crisp, precise response you've been missing. Versions are available for the RC10 and Ultima, JR-X2, Raider, and Blackfoot; each kit includes ball links, tie rods, bolts, lock nuts, and brass standoffs.



Stock #	Description	Retail	Now
TC3062	Steering Link Kit-RC10/Ultima	\$18.95	\$13.99
TC3063	Steering Link Kit-JRX2	12.95	9.99
TC3064	Steering Link Kit-Raider	9.95	7.99
TC3065	Steering Link Kit-Blackfoot	9.95	7.99

#### **A&L "LETHAL WEAPON" BELT** DRIVE TRANSMISSION

The new Lethal Weapon Belt Drive for RC10 and Ultima uses 35 chrome balls inside a high carbon steel diff to deliver ultra-smooth power to the wheels. The .080 fine pitch belt and diff are enclosed, completely protected against dirt and grease. Outdrives come preinstalled in diff halves to reduce parts count and increase reliability. Gear cover accomodates up to 96 tooth, 48 pitch gears for greater performance versatility. Motor plate included.

Torounny.	Protot plate included.		
Stock #	Description	Retail	Now
TC1352	A&L Lethal Weapon Tranny-RC10	\$134.95	\$84.99
TC1353	A&L Lethal Weapon Tranny-Ultima	139.95	87.99

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#### TRINITY HAULER BAG



Pretty in (fluorescent) pink, the spacious 15"x 24"x 30"

NEW!

Hauler Bag includes three durable cardboard boxes to protect and separate tools from transmitters and parts. Get a grip with the comfortable, black handles.

Retail \$39.99 TC1869

Now \$27.99

#### LIGHTNING RACING PRODUCTS STEADY LIFT JR.

The hi-tech Steady Lift Jr. positions your work-inprogress at the best angle for building, tuning, repairing, or display. Adjustable clamping jaws open from 2½" to 6¼" to grip the model. They can be rotated a full 360° and held vertically or tilted at any angle. An aluminum tray at the base is perfect for holding your tools and parts while working. Light, strong, and easy to use. See page

		lower Catalog for additional details.	149 of the
Now	Retail	Description	Stock #
\$29.99 1.49	\$44.95 1.95	Lightning R/C Steady Lift Jr. Car Pedestal Lightning Products 4" Extension—Steady—Lift Jr	TC1461 TC1462
	1.95	Lightning Products 4" Extension-Steady-Lift Jr	TC1462

#### **CUSTOM WORKS BATTERY CRADLES**

With Custom Works' new battery cradles, batteries can't short, cells don't need to

be glued, and chassis can be smaller (and lighter!) Both 6and 7-cell versions include battery cradle,

ook and loop shaps,	oracheis, and screws.	
-Cell Kit	Retail\$23.50	
C1169	Now Only\$16.99	
-Cell Kit	Retail\$24.00	
C1170	Now Only\$17.99	

# Новвісо ®

All Prices Shown Are For Packages of 2.

MODEL	FRONT RIM DIAMETER	REAR RIM DIAMETER
Top Cat	2.1" (55mm)	2.1" (55mm)
JRX-2, JRX-Pro, Junior Two, ProCat	2.1" (55mm)	1.9" (50mm)
YZ-10, Corvette ZR-1, Ford RS-200, Lazer-ZX, Optima Mid, Optima Mid SE, Peugeot 405, Rampage, Rocky, Shadow, Slingshot, Stinger Series, Turbo Raider, Ultima Series, Astute, Avante, Fox, Terra Scorcher, Vanquish	1.9" (50mm)	1.9" (50mm)
RC-10, Assault, Raider, Raider ARR	1.9" (50mm)	1.6" (40mm)
FX10, Falcon, Grasshopper II, Striker, Super G	1.7" (45mm)	1.7" (45mm)
Grasshopper, Hornet	1.4" (35mm)	1.4" (35mm)

#### 12L, Eliminator 12, Axis, Buick Stocker 1.37" (35mm) 1.37" (35mm)

1/12 SCALE TIRE CHART

#### Engineered to be the best.

Extensively tested by top national drivers, DuraTrax Tires have become favorites among all racers for their quality and their amazing variety of innovative treads. A perfect blend of natural and synthetic rubber, DuraTrax tires give you the best performance on any of your favorite racing surfaces. All are 100% rubber, with exacting tread and wall tolerances of ±.002 in. to wear evenly over a long period of time so a thin spot won't detour your final dash for the finish line. There are affordably priced DuraTrax tires for practically any R/C car use. **All are sold in pairs.** 

#### 100% RUBBER, HIGH QUALIT Our Best TIRES AT LOW, LOW PRICE Boss, Brute & Double Dare Blackfoot, Monster Beetle, Mud Blaster, Outlaw Ultima







TC2512

1.9 Front

**Tires** 

Slick TC2515





















Cone Spike TC2471

2.1 Front **Tires Your Choice** only \$4.99 per pair!



1.6 Rear **Tires** Your Choice









Offset Spike TC2469



Pin Spike TC2470

TC2505 1.4 Rear Tires Your Choice only \$5.99 per pair!

Split V-Spike TC2511





















Traction Slick TC2443

















# KYOZHO

#### STAINLESS STEEL BALL BEARING SETS



For a smoother ride and higher speeds, add Kyosho Precision Ball Bearings They come in several styles and sizes (sets of two) and in complete bearing sets for many Kyosho cars, including new Scale Series Racers!

nyosno car	rs, including new Scale Series Racers!		
Stock #	Description	Retail	Now
TC2554	Ball Bearing Set-Stinger II (10)	\$33.95	\$21.99
TC2555	Ball Bearing Set-Nitro Brute (16)	54.95	32.99
TC2556	Ball Bearing Set-Honda CR-X, Peugeot (10)	39.95	29.99
TC2557	Ball Bearing Set-Optima Mid (14)	48.95	31.99
TC2558	Ball Bearing Set-Rocky (14)	44.95	32.99
TC2559	Ball Bearing-Stinger (12)	44.95	32.99
TC2561	Ball Bearing Set-Optima, Javelin (12)	41.95	24.99
TC2562	Ball Bearings (5x10) (2)	6.95	5.99
TC2563	Ball Bearing Set-Bajas & Minis Stockers (14)	49.95	32.99
TC2564	Ball Bearing Set-Big Brute, Hi-Rider, Big Boss (14)	49.95	31.99
TC2565	Ball Bearing Set-Raider (14)	44.95	33.99
TC2566	Ball Bearing Set-Double Dare, USA-1 (20)	64.95	42.99
TC2567	Ball Bearing Set-Honda, Yamaha (8)	27.95	18.99
TC2568	Ball Bearings (4x8) (2)	7.95	5.49
TC2569	Ball Bearing Set-Ford RS 200/Peugeot 405 (14)	39.95	31.99
TC2570	Bearing Set-Burns DX (14)	59.95	45.99
TC2572	Bearing Set ZR-1 Corvette, Rampage (14)	39.95	29.99
TC2573	Bearing Set-Replacement for Lazer (12)	44.95	33.99
TC2574	Bearing Set-Upgrade for Lazer (14)	49.95	37.99
TC2575	Bearing Set-Scale Cars, F-1's	39.95	29.99
TC2571	Bearing (8x16) for Burns DX, Turbo Burns (2)	10.50	8.99
TC2560	Ball Bearing Set-Ult., Sideways, Ult. Trk, Scale Racers(14)	44.95	31.99
	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO	7,77,975	- 11

#### EAGLE PRODUCTS CAR DECALS

Go wild (not mild!) with these hot-looking new decals from Eagle Products. New "Wave", "Splash", and "Seismic" styles bring the California Sport truck look to town, rendered in multi-colored fluorescent hues. Each decal sheet includes three sizes of graphic, plus striping, so you can express your style. And, because these great graphics have adhesive fronts, you can mount them inside the body...and protect the look that gets the looks!

	ie occidental broken me tool	5
Stock #	Description	Nov
TC3046	Red, Yello&Orange Trim-Wave	\$4.9
TC3047	Dk Blue& Lt Blue Trim-Wave	4.9
TC3048	Fluor. Prpl, Grn&Pnk Trm-Wave.	4.99
TC3049	Azure Lt Blue Trim—Splash	4.99
TC3050	Purple & Yellow Trim—Splash	4.9



ts the looks	Splash	Seismic
Stock #	Description	Now
TC3051	Fluor. Grn & Yellow Trim-Splash	h \$4.99
TC3052	Fluor. Prpl & Pink Trim-Seismic	4.99
TC3053	Blue & Met. Blue Trim-Seismic	4.99
TC3054	Charc. & Met. Silv. Trim-Seismic	4.99

**RC500** 

# BALL BEARINGS

Stainless steel construction -Tower priced.

Low-priced sets for most popular MRC cars and trucks.



Beginners or experts can reduce friction for smoother operation by installing DuraTrax Stainless Steel Bearings. These ball bearings come in convenient six-packs in 5x10 and 5x11 sizes. They are also available in complete sets and sizes to fit many off-roaders.

Stock #	Description	Retail	Now
TC2542	Bearing Set-Hotshot, Super Sabre (18)	\$54.95	\$36.99
TC2543	Bearing Set-Blackfoot, Monster Beetle (10)	29.95	19.99
TC2544	Bearing Set-Falcon, Striker, FX10 (12)	32.95	22.99
TC2545	Bearing Set-Ghopper, Hornet, LnchBx, Bwig, Lzr (10)	29.95	19.99
TC2546	Bearing Set-Frog (8)	24.95	15.99
TC2547	Bearing Set-Boomerang (22)	64.95	44.99
TC2548	Bearing Set-Clodbuster (20)	74.95	49.99
TC2549	Bearing Set-Fox (4)	10.95	7.49
TC2550	Bearing Set-Thundershot (24)	69.95	46.99
TC2551	Bearing Set-Big Bear (8)	25.95	17.99
TC2552	Bearings 5x11 Stainless (6) for Tamiya Cars	18.00	10.49
TC2553	Bearings 5x10 Stainless (6) for Kyosho Cars	18.00	12.99

#### **KYOSHO CAR AIDS**

#### Essential to any racer's buggy box.

If you're an avid racer, you know that screws and nuts frequently fall out or become stripped. With Car Aids, you won't be caught short when the green flag comes down. This time- and race-saving collection includes 210 metric nuts, screws, and washers, housed in an attractive plastic box with a clear, snapdown, hinged lid.

Stock# TC1430

Retail Price \$15.70

Now Only \$9.99

## **Gas Cars**

#### **ASSOCIATED RC250 & RC500**

RC300 BD features ball/disc differential, clutch, special servo-saver, and more. Comes without body. RC-250 has disc brakes, ball joint linkage, tough nylon front suspension arms, and more. RC500 features 12" wheelbase and is available in a version with a fully independent 4-wheel suspension that exactly copies real cars. All

require a	2-Chairnet raulo and .21 size car engine.		
Stock #	Description	Retail	Now
TC1883	RC250 Club Racer II 1/8 Gas Car Kit	\$99.00	\$64.99
TC1884	RC300BD 1/8 Gas Car Kit w/Differential	189.00	124.99
TC1885	RC500 1/8 Gas On-Road Car Kit	475.00	249.99
TC1886	RC500 4WD 1/8 Gas On-Road Car	625.00	349.99

#### **COX .049 GTP NISSAN RACER** AND NASCAR STOCKER

Even at speeds of up to 30 MPH, the gas-powered 1/12 scale .049 GTP Nissan and 049 NASCAR stocker provide up to 15

minutes of run time per fill! Cox .049 engine, body, fiberglass chassis, nylon wheels, and foam tires included. Both require 2-channel radios with micro-servos.

Stock # TZ2188**	Description GTP Nissan/Sidewinder 2-Ch Radio Combo	Retail \$295.90	Now \$157.98
TC1887	Cox 1/12 GTP .049 Nissan Kit	159.95	79.99
TZ2189**	NASCAR/Sidewinder 2-Ch Radio Combo	295.90	159.98
TC1888	Cox 1/12 .049 NASCAR Stocker	159.95	84.99
TC1932**	Cox Sidewinder 2-Channel w/Micro Servos	135.95	79.99

#### **KYOSHO BMT**

· Super-Fast 4WD.

The innovative, 17" long, 1/8 scale BMT gas 4WD features an adjustable, four-wheel, double-wishbone suspension, factory-installed and adjusted two-speed gear box, clutch, and ball differential. Also featured are a 4mm thick duraluminum flat pan chassis,

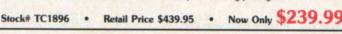
four oil-filled shocks, 20 total ball bearings, fuel tank, wing, and front and rear high-grip sponge racing tires. Requires body, .21-size engine, and 2-channel radio.

Stock# TC1894 • Retail Price \$669.95 Now Only

#### TRC PYTHON ON-ROAD RACER

Simple-to-set-up, hard-to-beat 1/10 scale Python requires only body, 2-channel radio, fuel, and starter; everything else is included! Fox .15 engine powers the Python to speeds of up to 50 MPH, and comes with slide valve, carb,

air filter and exhaust muffler. Graphite chassis and magnesium front end keep weight down to 42 oz., race-ready; full ball bearings, quick-fill fuel tank, tires, ball diff, clutch, and rear disc brake round out this complete winning package.



купхнп

When you're ready for more R/C excitement—Go Gas!

BURNS OX & TURBOBURNS 4WD

High-performing, .20 size off-roaders!



Turbo Burns finishes 1st, 2nd, and 3rd at the European Championships!



Burns DX has the same chassis layout as the original Burns.

Incredible speeds, realistic sounds, and the sharp smell of burned nitro are just three reasons why 1/8 gas racing is growing like wildfire. For many new fans, there's no better way to race — and there's no better way to break in than with the affordable, 1/8 scale **Burns DX 4WD**. The Burns DX features a shaft-drive system adapted for 4-wheel drive and three gear-type differential units. Its flat-pan, durable aluminum chassis glides over obstacles. Low-profile pin spike tires, mounted on lightweight one-piece wheels, enhance handling in the dirt and around corners.

The Burns DX's sophisticated suspension features special formula nylon double wishbones for maximum wheel travel on even the toughest surfaces. Kyosho oil-filled shocks on all four wheels minimize the effects of bumps and hazards. High-quality bronze bushings smooth out the ride

Both cars:
Length: 16.5"
Width: 11.8"
Weight: 7.1 lbs.

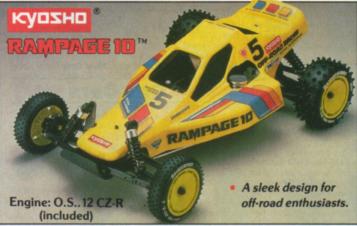
Syaste: SURVS

Both Require:
2-Channel Radio
.21-Size Buggy Engine
(O.S. .21 EX-B or
.21 RF-B recommended)

while increasing the affordability of this racer. The Burns DX comes with a clear Lexan racing body, disc brake, custom muffler, and manifold.

Serious gas racers looking for a machine prepared for all-out competition can choose the **Turbo Burns**. It's outfitted with a new, heavy-duty suspension, large volume shocks, and complete ball bearings for superb handling and smooth operation at blistering speeds. Also included are a new body and wing.

For the hottest R/C racing around, go with the flow — go gas, with the 1/8 scale Burns!



Experience the speed and excitement of gas power with **Kyosho's Rampage**. Based on proven Ultima design, this 13.8" off-roader offers novice drivers top 2WD gas power with convenience that rivals electric cars! With its recoil starter and special large-throat carb, the included O.S. .12 CZ-R engine provides fast, sure starts, and the power needed to get out in front, and stay there.

The Rampage features a duraluminum chassis and an enclosed gearbox designed to keep out rocks and dirt, while low-profile pin-spikes, oil-filled shocks, and a 4-wheel independent suspension keep you in control. Fuel tank, muffler, body, and glow plug driver are included. Add a 2-channel radio (now available at combo savings!), fuel, and 4 "D" cell batteries, and you're ready to race — with Rampage!

Stock # Description Retail Now
TZ2191 \*\* Rampage/Airtr. VT-2P Pistol Radio



Experience the excitement of gas-powered 4WD off-road racing with the 1/10 scale **Stinger MK II**. Front and rear differential gears and a cogged belt drive system are combined for incredibly efficient power delivery to all four low-profile pin spike tires. A mid-engine layout provides excellent balance and the Stinger MK II's classic 4-wheel independent double-wishbone suspension yields plenty of wheel travel. Kyosho oil-filled shocks also lessen the effects of off-road hazards. Measuring 14.6" in length, the Stinger MK II comes with a clear Lexan body, muffler, and zip pull starter. An .09 -.12 car engine (O.S. CZ-2 recommended) and a 2-channel radio are required. Save with the Combo!

Tower Hobbies Brings You The Best of R/C For Less!



#### TWISTER CYCLONE ON-ROAD KIT

- Mid-mounted motor for superb handling.
- · Ultra-low center of gravity.

The 1/10 scale Cyclone on-road racer that dominated "A" Main competition at the Futaba Grand Prix is now available in an easy-to-assemble kit. Lightweight

either on-road or oval configurations. Ultra-low center of gravity and mid-mounted motor provide superb handling. Requires all electrics, 2-channel radio and body

Stock# TC1735 • Retail Price \$270.00 •

Now Only \$179.99

#### **KYOSHO TURBO OPTIMA 14X**

Includes 2-channel radio system. Sophisticated racing design!

Anyone from age 6 to adult can race the factory-assembled Turbo Optima 14X. A 2-channel radio with steering servo and electronic speed control is included. The

12.4" long buggy features the custom-designed LeMans X5 motor, 4-wheel independent suspension, coil-over shocks, lowprofile pin spike tires, gear differential, and large, reinforced plastic front bumper. Requires one 9V battery for the transmitter and 8 "AA" batteries for the receiver.

Stock# TC1699 •

Retail Price \$99.95 • Now Only \$59.99

**HOUGE PHANTOM PRO** STOCK KIT



Beat the competition with this dragster. Ridged graphite chassis allows minimum flex for extra traction. This kit comes with graphite pro axle, full ball bearings, steering linkage, body, and more! Requires motor, electronic speed control, battery and 2 channel radio to complete.

Retail \$329.95 Now TC3213

Only

\$199.99





Light, strong, and precision-engineered, the 25" wheel-base Firefox II is a rad 1/10 scale funny car that features highgrade ball bearings, Lexan body, and hardware. Requires a 2-channel radio, battery, motor, speed control, and charger.

Betail \$189.00 Now \$114.99

MCALLISTER **MX PRO** 

The MX Pro is competitive right out of the box. Fea-

tures time proven beam front end and full floating rear pod/t-bar design, and comes with light-weight graphite rear axle and smooth full bearing differential. Accepts flat or saddle batteries to handle either road course or high speed oval.

Retail \$215.00 Now \$129.99 TC3215 Only \$129.99

**BOLINK INVADER ON-ROAD** KIT

The Bolink invader on-road

features independent front end and T-plate rear suspension, motor mount and asphalt tire. Kit includes body, chassis, motor and speed control, and requires 6cell battery, charger and a 2-channel radio.

Retail \$159.95 TC1662

Now Only

#### MRP GP-10 DELUXE CIRCUIT RACER

Specially designed for flat track racing.

The GP-10 Deluxe Circuit Racer is especially designed for 1/10 scale flat track racing. It features oil-pressure shock

dampening, sponge tires, and a lexan Lamborghini C-2 body. The motor and speed control are also included. Requires a 2-channel radio, 6- or 7-cell battery, and charger.

Stock# TC1707 • Retail Price \$210.00 • Now Only \$129.99

MCALLISTER **OUTLAW STOCK CAR** 

Ideal for flat track or oval pavement racing.

Now with friction-reducing bearings!

Make faster getaways on flat tracks or ovals with the new 1/10 scale, McAllister Outlaw Stock Car. This car includes friction reducing ball bearings. MX-1

chassis features full floating rear power pod, coil-spring front suspension, adjustable diff and ASA Firebird body. All electrics and 2-channel radio are required.

Stock# TC1704 • Retail Price \$199.00 • Now Only \$129.99

#### MRP DRAG'N MASTER



channel steel chassis allows dual motor mounting for twice the stump pullin' power. Features heavy-duty construction, bearings, adjustable wheelbase, funnycar body, and decals. Requires 2-channel radio and all electrics. Approx. 20" long.

Retail \$249.95 Now \$149.99 TC3216 Only \$149.99

HOUGE ILLUSION DRAGSTER

Capable of reaching speeds over 60 MPH and finishing a race in under 3 seconds! Complete rolling chassis includes graphite chassis, aluminum tipped graphite pro-axle, complete ball bearing set, body, and all necessary hardware. 24" wheel base. Requires electrics and 2 or more channel radio.

Retail \$329.95 Now \$189.99 TC3217 Only \$189.99

**FINE DESIGN** STREAMLINER RAIL



This new Fine Design kit includes all Pro Stock Drag Kit features see page 68 plus, a graphite chassis and wing, pre-cut linkage, and lite weight drive axle. The Streamliner Rail Kit requires all electrics and 2-channel radio.

Retail \$249.00 Now \$169.99 TC3218

**BOLINK RAIL DRAGSTER** 



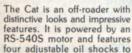
The 24" wheelbase Rail Dragster is a hot competitor! Its unique design features a corrugated polycarbonate sheeting that's lighter and stronger than graphite; a graphite sub-frame; graphite axle, and full ball bearings. Requires electronics and 2channel radio

Retail \$199.95

**ROYAL RIPPER** 

TC3219

#### **TRAXXAS** 1/10 SCALE THE CAT



lessen the effects of rough surfaces. Independent front suspension and a floating rear axle provide the Cat with a solid ride. The Cat measures 15.4" long and requires a 6or 7-cell battery and, charger and 2-channel radio.

Stock# TC3220

Now Only \$59.99

"Rip up the track" with the rugged and powerful Ripper. This 1/10 scale electric-powered off-roader features an RS-540S motor, front and rear differential gears for maximum cornering ability, and a double-

wishbone suspension protected by a coil-spring mono shock and oil damper. Fourwheel steering improves high-speed control and traction. The Ripper requires a 2-channel radio, 6-cell battery with Tamiya connector, and charger.

Stock# TC3221

Retail Price \$110.00





time favorite, like the Grasshopper II, Astute, or enjoy the updated dependability and performance of the Grasshopper II, Astute, or Super G. And if it's 4WD action you're looking for check out the price on the Vanquish 4WD. Most are powered by Mabuchi RS-540S motors and offer quality features such as coil-over shocks and chassis made of engineering plastic. All require a 6-cell battery, charger, and 2-channel radio. See pages 47 and 73 of our 1991 Catalog for top battery and charger values...and see our radio pages for added savings on 2-channel radios.

Stock #	Description	Retail	Now
TC2309	1/10 Grasshopper II 2WD	\$111.95	\$79.99
TC2310	1/10 Hornet 2WD	136.95	89.99
TC2311	1/10 Fox 2WD	229.95	149.99
TC2314	1/10 Monster Beetle	209.95	144.99
TC2317	1/10 Astute 2WD	219.99	149.99
TC2312	1/10 Falcon 2WD	167.95	114.99
TC2319	1/10 Super G	114.95	79.99

#### **ROYAL MOTORCYCLES**

These ready-to-run 1/5 scale cycles feature a unique, servo-operated shifting ballast for realistic cornering, plus full front and rear suspension for smooth, low-speed handling. Other features include electronic speed control, 2-channel radio, real rubber tires and maintenance-free drive belt. "Ride" a **Yamaha** with an RS-380 motor, or go hog-wild with

NEW!

with an RS-380 motor, or go hog-wild with

Yamaha and Kawasaki cycles that feature a RS-540S motor, plus heatsink, roll bar,
metal gears, and heavy-duty electronic speed control. All require 6-cell and charger.

Stock # TC1716	Description Royal RTR Yamaha w/380 Motor	<b>Retail</b> \$149.95	Now \$117.99
TC1717 TC1718	Royal RTR Yamaha w/540 Motor	234.95 234.95	184.99

#### RICH MAN'S TOYS BATMOBILE

Speed through the Dark Knight's world in this sleek, long replica of his famous Batmobile. Officially licensed by DC



Comics and numbered for collectability, this model painstakingly reproduces the original's bold detailing in a matte black high-impact plastic. Powerful RS-540 motor and planetary gear diff lets you patrol up to 20 minutes at a time; aluminum chassis, racing foam tires, forward/reverse variable speed control, and suspension add crimestopping toughness. Requires 7.2V battery, charger, and 12 "AA" batteries.

Stock# TC1715\*\* • Retail Price \$374.95 • Now Only \$219.99

# KYDSHD MOTORCYCLES

- Authentic looks and realistic racing action!
- Crash bar aids in stumbles and helps to keep cycles upright.

Kyosho has achieved the highest standards of true bike performance in their 1/8 scale models. The Honda NSR 500 and Yamaha YZR500 R/C cycles feature chain drive and working suspension systems, Kyosho's gyro steering design, weighted front wheels, a crash bar—which aids bike if it stumbles and helps it to remain upright with gradual throttle—and

a LeMans DM20 motor. Both also feature an ABS monocoque frame, shocks and slick tires. The Paint Sets include brush and masking tape. Bearing Sets, Front and Rear Oil Shocks, and LeMans DM20BB motor with



ball bearings are also available. Required are Kyosho's Impulse II radio with RS-M on-board set, a 6-cell 270 mAh battery, and charger. The Ultimate Combo includes kit, Impulse radio with RS-M set, field bag, quick charger, 270 mAh battery, paint set, and 8 'AA' batteries.

Residence of the second	THE STREET CHART STATE OF THE STREET		
Stock#	Description	Retail	Now
TZ2195** Yan	naha/6-Cell 270 mAh Batt/270	17 TO 30	

mAh Quick Chgr/Impulse II 2-Ch Radio w/RS Set Combo .SAVE \$10.00! \$279.80 \$189.96

TC1697 Yamaha YZR500 Motorcycle . . . . . 114.95 **79.99** 

	5	Honda NSR500	
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Stock# Description Retail Now TZ2227\*\*Honda NSR500 Ultimate Combo . . \$325.60 \$199.99 TZ2194\*\* Honda/6-Cell 270 mAh Batt/270 mAh Quick Chgr/Impulse II 2-Ch Radio w/RS Set Combo .SAVE \$10.00! 279.80 179.96

#### FA Honda Racer 1/7 Scale Cycle

Kyosho's FA Series 1/7 Scale Honda NSR 500 comes fully assembled and ready to race--it makes a great gift for cycle fans of all ages!

Operating features are identical to the 1/8 scale motorcycles above, and its looks are equally lean and authentic. A competition-quality, 2-channel, digitally proportional radio is included for great fun straight from the box.

TC1698 FA Honda Racer 1/7 Scale Cycle . . . 139.95 \$109.99

## Cycle Accessories





Ball differential Kyosho Gold Shocks

Ball bearings

Fully adjustable front and rear tie-rods

Fiberglass shock towers

# off-road career with the World Champion designs of Ultima II

For the beginning off-road enthusiast to the serious competitor, Kyosho's Ultima series is the place to look for the performance of the 1990s. These rugged machines are built to conquer...whatever your skill level, Ultima will make you a champion!

# Turbo Ultima II: Loaded and ready to win at the track.

If you're ready for a buggy that comes pre-tweeked for serious competition, try the affordable **Turbo Ultima II**. It's a 2WD terror that comes loaded with over \$220.00 retail in performance-matched hopups. On any other comparably priced buggy, these hop-ups would be options; with the Turbo Ultima II, they're all standard —and all ready to put you out in front.

# Ultima II: Affordable high-performance buggy racing!

Off-road enthusiasts looking for the next generation of Ultima performance, take note: the Ultima II has arrived. The lightweight, space-age Kelron<sup>TM</sup> chassis is extra durable and protective, and accepts either stick or saddle pack batteries. Fine-tune your buggy for better performance with the adjustable front and rear suspension links. Oil-filled, coil-over shocks, duraluminum shock towers, a LeMans Stock 05 motor, and heavy-duty rotary speed control are also included. The Ultima II accepts most original Ultima hop-up parts on the market. Start your off-road career at the top with proven Ultima performance that's now hotter than ever!

# Ultima Pro XL: Pre-tweaked with the professionals' choice of hop-ups!

Advanced racers enter the 1990s at No. 1 with the Ultima Pro XL. A longer wheelbase graphite chassis with 30 degree caster and wider front end improve handling and stability, even at top speed. Long rear suspension arms allow for a smoother ride. Gold shocks, front and rear anti-roll bars, and rear dogbones are also featured. The rear "A" arms feature a unique, adjustable rear toe-in linkage, and the upper suspension turnbuckles offer instantly adjustable front and rear camber.

All three buggies come with a racing body with adjustable wing mount, plus fluorescent wheels and racing tires. Experience turn-of-the-century performance today. The next Ultima generation has arrived.



Includes LeMans

Stock 05 Motor

Racer's Motor Choice

2-Channel BEC-Equipped Radio 6-Cell, 7.2V Battery & Charger

& Electronic Speed Control

Stock #	Description	Retail	Now	Stock#	Description	Retail	Now
TZ2197** Ulti	ma II/Airtr. VT2P Radio/7-C			TZ2198*	* T.Ult.II/Airtr. VT2P Radio/6-C Batt/		im pilatit
Bat	/#900 AC/DC Auto Chgr Per-				Power Q.Chgr Combo .SAVE \$10.00!	\$449.80\$	244.96
forr	nance ComboSAVE \$10.00	1\$389.80\$2	221.96	TC1690	Ultima II 2WD Electric	199.95	129.99
	ma II/Airtr.VT2P Radio/6-C Batt/			TC1692	Ultima Pro XL 2WD Electric	269.95	169.99
Pov	ver Q.Chgr Combo .SAVE \$5.00	! 369.80 2	209.96	TC1691	Turbo Ultima II 2WD Electric	279.95	169.99
	: Orders Only 1-800-637-498				637-6050		67

& Ball Bearings

Specifications for Ultima Pro XL

Length: 14.2' Width: 9.5"

Height: 5.1"

Weight: 52.9 oz.

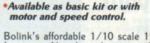
#### **BOLINK ELIMINATOR 10'S**

The 1/10 scale Eliminator 10 features saddlepack chassis, dual rear shocks with adjustable coil-over springs, ball differential, and mid-motor design. It's available with a fiberglass or



graphite chassis (graphite includes 6 ball bearings). The **Gold Edition** includes the graphite's features, plus ball suspension kit, adjustable axle height, front kingpin braces, wing kit, gold-colored aluminum parts, and more. All require battery, charger, and 2-channel radio.

Stock #	Description	Retail	Now
TC3066	Eliminator 10 Fiberglass w/Motor, Speed Control	\$199.95	\$112.99
TC3067	Eliminator 10 Fiberglass No Electric	149.95	82.99
TC3068	Eliminator 10 Graphite-No Electric	275.00	149.99
TC3069	1/10 Eliminator Gold Edition Kit	325.00	159.99



**BOLINK 1991 SPORT** 

Bolink's affordable 1/10 scale 1991 Sport features a fiberglass chassis, molded nylon parts, and a nylon rear pod. It's available in two versions: as a basic kit without electrics, or as a regular kit without batteries but with a ROARlegal stock motor and speed control. Both include a clear NASCAR-styled body and

require rad	o, battery, and charger.	
Stock #	Description	
TC1663	Bolink 1/10 1991 Sport-No Electrics	

# \$51.99 \$99.95

67.99

TC1664 Bolink 1/10 1991 Sport-Motor/Speed Control 129.95

#### TRAXXAS PONTIAC FIERO GTP

The 1/12 scale Pontiac Fiero GTP is one oval racer that comes equipped for competition. Features include a RS-540S

motor, foam-traction tires, a rear adjustable oil damper, independent front suspension, and a forward-reverse variable speed control with brake. Aerodynamic body and sponsor decals also included. Available in an RTR version with 2-channel pistol radio or stick radio (8 "AA" batteries required), or in an unassembled version without radio. Both require 6cell battery and charger. See page 141 of the Tower Catalog for additional details

Stock #	Description	Retail	Now
TC1720	Traxxas 1/12 Fiero GTP-Unassembled	\$110.00	\$59.99
TC1722**	Traxxas 1/12 Fiero GTP-RTR w/Pistol Radio	240.00	129.99
TC1721**	Traxxas 1/12 Fiero GTP-RTR w/Stick Radio	225.00	134.99

#### **BOLINK INVADER OVAL RACER**

• Great ways to get started in on-road racing.

The 1/10 scale Invader Dirt Oval Racer features 4-wheel independent suspension, shocks with adjustable coilindependent over springs, a limited slip differential, molded ribbed front and knobby rear tires, clear oval racing body, and speed control. Requires 2-channel radio, 6-cell battery, and charger. See page 135 of Tower Catalog for additional details.



Now Only \$89.99 Stock# TC1661 • Retail Price \$175.00

#### MRP GP-10 ON-ROAD RACER

- Designed for sizzling on-road action.
- Includes clear Lexan body.



Move into the fast lane of flat track racing with the GP-10 On-Road Racer. The race-proven chassis is designed to handle a 7-cell pack, to provide 8.4V of power. The kit comes with oil-pressure shock dampening, high traction sponge tires and a sleek Lexan Lamborghini C-2 body. Requires a 2-channel radio, 6- or 7-cell battery and charger. See page 139 for more information.

Now Only \$109.99 Stock# TC1708 • Retail Price \$169.00 •

#### MRP BUDWEISER STOCK CAR

Add a flashy dimension to your flat track racing with the MRP Budweiser Stock Based on a simplified GP-10 chassis, the Bud stock car is designed for blacktop or smooth-surface on-road racing. Includes decals and a red Lexan Bud stock car body. Add a 2-channel radio and 6-cell pack, and you're ready to burn up the track. Also available ready-to-run, with 2-channel radio. No sales to Canada. See page 139 of the

Tower Catalog for more information. Description MRP 1/10 Budweiser Stock Car Ready-To-Run ... TC1709 \$284.95 \$179.99 TC1710 169.95 94.99

MRP 1/10 Budweiser Stock Car..

#### **HYPERDRIVE HYPER 10** COMPETITION RACERS

Belt-drive efficiency and a unique rear 3-shock suspension make these on-road racers top contenders in power and handling. Both feature an ultralite graphite chassis and rear axle with adjustable ride height, adjustable caster, and special steering stops. Collector's hand-assembled Limited Edition model comes pretweeked by Ralph Burch, Jr., and is individually numbered and signed. Novice's glass chassis

Sportsman with PDS T-plate rear suspension can be upgraded for competition. All



require electrics, body, and a 2-channel radio. Sportsman also requires tires & wheels.

Stock #	Description	Retail	Now
TC1671 TC1672	Hyper 10 1/10 On-Road Kit-Graphite Competition Hyper 10 Sportsman On-Road Kit	\$449.95 199.95	\$249.99 109.99
TC1673	Hyper 10 Limited Edition	549.95	319.99

#### **CUSTOM WORKS ENFORCER** SPRINT CAR KIT

• Designed specially for 1/10 scale dirt oval action.

Race this out-of-the-box winner on the dirt, on asphalt, or on carpet... and it won't let you down. Based on the race-proven 2WD Intimidator, the

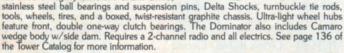
Enforcer Oval Sprint car gives you the racing muscle you need to dominate the action! Included are a graphite chassis, injection-molded sprint car cage, full ball bearings, delta shocks, ball differential, mounted foam tires, and a hot sprint car body. with wing. Requires all electronics and a 2-channel radio.

Stock# TC1668 • Retail Price \$499.00 • Now Only \$399.99

#### **CUSTOM WORKS 4WD DOMINATOR**

 Winner of 7 consecutive national championships!

Winner of 7 consecutive national dirt oval championships, the Dominator 4WD features a highly-efficient chain drive,



Retail Price \$579.00 • Now Only \$389.99 Stock# TC1665 •

#### CUSTOM WORKS **2WD INTIMIDATOR**

This 1/10 scale 2WD grabbed an "A" Main win in the 1990 ROAR Oval Nationals! Intimidator Complete includes slotted, flex-



resistant graphite chassis, full ball bearings, Delta Shocks, ball differential, wheels, tires, and body. Intimidator Basic includes a slotted fiberglass chassis, Delta Shocks, ball bearings, and A-arm suspension. Both require electrics and a 2-channel radio. See page 136 of the Tower Catalog for additional details.

Stock #	Description	Retail	Now
TC1666	Intimidator 2WD Graphite-Complete	\$449.00	\$319.99
TC1667	Intimidator 2WD Fiberglass-Basic	349.00	249.99



Starting At



The new Junior Two looks like a million, yet won't bust your budget. It's built on a long 30° kick-up composite resin chassis for super stability and max cornering ability. A wide-track front end features rack-type steering for great ground clearance without control or stability loss, plus oil-filled coilovers. The H-arm rear suspension absorbs jolts like pro models. Ball bearings, pinion, real rubber off-road tires, and lightweight wheels turn power from the LRM (low rotating mass) tranny into impressive speed and traction. And when you're ready to go pro, Team Losi's got you covered, with the JRX-Pro — a graphite-chassis racer that offers all the Junior Two's features (except pinion), plus extra long rear shocks, pro rear shock tower, and extra long camber links. Both require all electrics and a 2-channel radio; JRX-Pro also requires servo saver and pinion.

Stock #	Description	Retail	Now
TC1701	JRX-Pro 1/10 Off Road Kit	\$309.95	\$169.99
TC1702	Junior Two 1/10 Off Road Kit	199.95	119.99

#### **ASSOCIATED RC-10L**

As the 1989 ROAR Nationals Champion, this powerful racer has proven that it's built from the ground up for competition. Both graphite chassis and fiberglass chassis versions are available, with a unique rear damper design that eliminates bumps and improves handling. Charger, battery, 2-channel radio, motor, electronic speed control, and body are required. See page 134 of the Tower Catalog





ASSOCIATED	~000
RC10 TEAM CARS	0 -
	200
RC10 Team Cars are 1/10 scale terrors	1000
that feature the innovative, lightweight	A A A
Stealth tranny, plus a universal dogbone/st	
design for maximum power and perform	
Teflon-coated, hard-anodized racing shocks I	head up

steering/handling package that also includes a wide track front suspension, ball bearings, and a zero-offset front end. New Viper buggy body and one-piece wheels add bold new looks, too! Both require all electrics and a 2-channel radio.

Stock #	Description	Retail	Now
TC1648	RC10 Team Car Aluminum Chassis	\$305.00	\$169.99
TC1649	RC10 Team Car Graphite Chassis	345.00	189.99



This version of the winning C-4 Yokomo is a 1/10 scale, 4WD off-road kit driven by a reliable belt drive through a center torque limiting clutch. Includes full ball bearings, twin ball differentials, and four adjustable pressure shocks. Requires 2-channel radio, motor, battery, charger, and speed control. See page 134 of the Tower Catalog.

Retail Price \$399.00 • Now Only \$189.99 Stock# TC1650 •

## **TEAM ASSOCIATED**

#### **RC10 GRAPHITE** AND CHAMPIONSHIP BUGGIES

Super Low, Low RC10 Prices!



The **RC10 Championship** Series gives you Associated's proven aluminum chassis and latest buggy improvements. Wider front A-arms and in-line steering provide greater stability and improved steering control. New, two-position shock towers, rear bulkhead and 1½° rear hub carriers provide extra adaptability in "dialing-in" to track conditions. All RC10 Champs come with mechanical speed control and racing body (except Basic Kit). The RC10 Graphite kit, available with or without bearings, includes special-weave graphite chassis, universal swingshafts, and Protech body; an electronic speed control is recommended, and a motor is required. All RC10s require 2-channel radio, battery (except RC10 Champ. with Battery and Body), and charger.

Stock #	Description	Retail	Now
TC1647	RC10 w/Graphite Chassis	\$250.00	\$139.99
TC3070	RC10 Kit w/Graphite Chassis & Ball Bearings	325.00	174.99
TC3071	Champ RC10 Basic	188.00	109.99
TC3072	Champ RC10 w/Body	225.00	117.99
TC3073	Champ RC10 w/Ball Bearing & Body	290.00	157.99
TC3074	Champ RC10 w/Battery & Body	265.00	154.99

#### ASSOCIATED 10L SUPER SPEEDWAY KIT

New, narrow chassis racer available in glass or graphite versions.



a narrower, modified 12L rear end and axle, plus a redesigned front bumper. Available in either graphite or 'glass chassis, slotted for road courses or oval tracks, for use with new, narrow, more aerodynamic bodies. Requires bodies, all electrics, plus a 2-channel radio.

Stock #	Description	Retail	Now
TC1657	Associated 10L Super Speedway Kit-Fiberglass	\$170.00	\$99.99
TC1658	Associated 10L Super Speedway Kit-Graphite	235.00	139.99

#### ASSOCIATED RC12L

The 1/12-scale RC12L is specifically tailored to meet the needs of the racing purist. The chassis is available with either graphite or fiberglass construction throughout. Fiberglass chassis comes with or without electrics. Other features include ball bearings and unique rear suspension dampening system. All versions require body, battery, charger, and a 2-channel radio. See page 134 of the Tower Catalog for more information

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Stock #	Description	Retail	Now
TC1651	Associated RC12L Fiberglass Chassis w/ Electrics	\$105.00	\$64.99
TC1652	Associated RC12L Graphite Chassis w/ Electrics	195.00	109.99
TC1653	Associated RC12L Fiberglass Chassis	155.00	89.99
TC1654	Associated RC12L Graphite Chassis	245.00	129.99

#### **FUTABA FX-10**

Featuring 4-wheel independent suspension, four coil-spring shock dampers, a 540-size motor, and sealed gear case with differential, the FX10 is equipped for performance. Ample off-road protection is supplied

by a monocoque racing chassis. Able to accept many existing hop-up parts, the 2WD FX10 requires a BEC-equipped 2-channel radio, 6-cell battery with Tamiya connector, and charger. See page 136 of the Tower Catalog for more information.

Stock # TZ2199**	Description FX10/6-Cell Battery/Power Charger/	Retail	Now	
TC1670	Air. VT2P Radio Combo		\$137.35 54.99	

#### TRAXXAS RADICATOR

The Radicator 1/10 scale 2WD features a planetary 48-pitch metal gear differential, oil shocks with valved piston heads, and a nylon chassis. Most parts are interchangeable with

piston heads, and a nylon chassis.

Most parts are interchangeable with the Bullet. The Radicator can be converted to a Traxxas TRX graphite chassis and comes in kit form without motor, speed control, 2-channel radio, battery, or charger.

See page 1 Stock #	40 of the 1991 Tower Catalog for more information. <b>Description</b>	Retail	Now
TC1719**	Traxxas 1/10 Cat-RTR w/2-Ch Radio-Stick	\$225.00	\$119.99
TC1723**	Traxxas 1/10 Cat-RTR w/Pistol-27mHz	240.00	139.99
TC1724	Traxxas Radicator 2WD Kit	160.00	89.99
TC1725**	Traxxas Radicator RTR ESC FWD/Reverse-Pistol	350.00	194.99



 Available with stick or pistol radio.

Quick as a wink, the ready-to-run 1/10 scale **Cat** is out of the box and ready for hot 2WD off-road action. Powered by a reliable RS-540S motor,

Powered by a reliable RS-540S motor, the 15.4" Cat comes equipped with four adjustable oil shocks, independent front suspension and a floating rear axle. Available in RTR versions with a BEC-equipped 2-channel stick or pistol grip radio. Both require a 6-7-cell battery and charger.

Stock #	Description	Retail	Now
TC1719**		\$225.00	\$119.99
TC1723**	Traxxas 1/10 Cat RTR w/Pistol-27 mHz	240.00	139.99

## TRC/COMPOSITE CRAFT LYNX SPORT & LYNX II ELITE

TRC/Composite Craft Lynx II Elite features full floating rear suspension with shock, graphite chassis and rear axle, centered motor and magnesium front cross bar. Eight different wheelbase settings allow adjustment for different track conditions. The Lynx Sport offers

Elite features (excluding shock) but adds molded front cross bar, standard diff. axle, blocks and left wheel hub. Both require 2-channel radio, body and all electrics. Electronic speed control recommended. See page 141 of the Tower Catalog for more information.

Stock #	Description	Retail	Now
TC1729	1/10 Lynx II Elite On-Road	\$299.95	\$159.99
TC1730	1/10 Lynx Sport On-Road	225.00	132.99

### TRINITY SCHUMACHER 4WD PRO CAT

• High-performance 4WD from Schumacher.

 Improved design for first-class racing.

Designed to be a competitor right out of the box, the 1/10 scale Pro-Cat 4WD is a full ball-raced kit with a high-efficiency kevlar drive belt system. Featured are two ball differentials, one-way front drive shafts, 48P quick release gears, and improved rear suspension geometry. A new chassis saddle pack layout allows the option of using 7 cells. Schumacher all-terrain tires are also included. A 2-channel radio, 540-size motor, speed control, battery, and charger are required.

Stock# TC1731 • Retail Price \$399.99 • Now Only \$229.99

#### FINE DESIGN PRO STOCK DRAG KIT

This Fine Design drag machine includes a "guaranteed" chassis, aluminum motor plate with pivot brace, torsion bars, positive lock rear axle. Aluminum front wheels and high traction tires, ball

bearings, Lexan body, steering linkage, gear set, and tool bag also included. Requires 2-channel radio and electrics.

Stock# TC1669 • Retail Price \$199.00 • Now Only \$119.99

## KYDZHD SIDEWAYS

Specially designed for hot oval racing.
 Run circles around the conversion kits!

The 14.2" long, 1/10 scale Sideways features special oval sprint racing wheels, wide tires, and an aerodynamic wing to make oval course racing easy for any driver. Aluminum monocoque frame chassis, famous Kyosho suspension, black shocks, rotary speed control, and LeMans Stock 05 motor are

all featured. Polycarbonate body and driver figure provide exciting sprint car looks! Requires a 2-channel radio, 6-cell battery, and charger, and accepts many Ultima hopups and accessories. See page 36 of the Tower Catalog for more information.

Stock # TZ2201**	#900 AC-DC Auto Charger	Retail	Now
TZ2200**	Performance ComboSAVE \$10.00!		\$201.96 184.96
TC1689 TC1537 TC2768	Kyosho Sideways Sprint Car Kyosho 6-Cell Power Quick Charger	219.95	109.99 14.99 17.99

#### PARMA DAYS OF THUNDER NASCAR LUMINA CARS

Hit the super speedways with these 1/10 scale NASCAR replicas of the Chevy Luminas featured in the movie "Days of Thunder." The complete rolling chassis includes a ball-type

differential, steel axle, aluminum rear hubs, fiberglass chassis, Lexan body, and heatsinkstyle aluminum pod. Choose from the Mello Yello, City Chevy, or Hardees! All require 2-channel radio, battery, and charger. See page 140, Tower Catalog for more information.

· Realistic

stock

car action!

Stock #	Description	Retail	Now
TC1711	Days of Thunder-Mello Yello	\$119.95	\$74.99
TC1712	Days of Thunder-Hardees	119.95	74.99
TC1713	Days of Thunder-City ChevySAVE \$5.00!	119.95	74.99

#### TRC PRO 10'S, PRO 10 SPORT & PRO 10 BASIC

The PRO-10 Sport, for the serious 1/10-scale on-road racer, has NASCAR body, fiberglass chassis, graphite differential, full ball

bearings, and adjustable rear shock suspension. PRO-10 includes graphite differential, rear axle, and slotted chassis, and full ball bearings. Entry-level PRO-10 Basic features fiberglass chassis and many molded nylon parts, including a nylon rear pod. All require 2-channel radio, electronic speed control, and all electrics.

Stock #	Description	Retail	Now
TC1726	TRC 1/10 Pro-10 On-Road Car Graphite Kit	\$300.00	\$164.99
TC1727	TRC 1/10 Pro-10X Basic	179.95	99.99
TC1728	TRC 1/10 Pro-10 Sport On-Road Car Kit	109.95	64.99

#### TRACKMASTER EQUALIZER

Increase your competitiveness in 2WD oval contests economically with Track Master's Equalizer. Sophisticated oval design features ball-joint "zero-scrub" tracing that climates when desagned to the contest of the cont

steering that eliminates wheel drag around corners and super-strong graphite box frame, upper plate, sway bar mounts and shock towers. Other features include: adjustable camber, caster and upper links; front A-arms and rear H-arm suspension, rims, and much, much more. Both direct-drive and belt-drive versions requires all electrics, body, tires and a 2-channel radio.

Stock #	Description	Retail	Now
TC1733		\$425.00	\$299.99
TC1734	TrackMaster Equalizer 2WD Kit-Belt Drive	445.00	309.99



Kyosho's hot 1/10 scale 4WD Lazer ZX electric buggy is racking up the wins — and no wonder! The drive system is built around a 3mm, low-friction twin belt drive, with a center-drive torque limiter for varying front-to-rear drive bias to track conditions. Front and rear gear diffs (with one-way bearings in front), ball bearings, and heavy-duty front swingshafts are protected by a flex-resistant double-deck graphite chassis that also keeps weight low.

Lazer's improved double-wishbone suspension arms and Kyosho Gold Shocks offer impressive cornering and stability, backed by low-profile, pin-spike tires. All-wheel camber adjustment, a sleek new body with undertray, wing plus adjustable mount are also included.

The Lazer ZX rolling chassis requires all electrics, a 2-channel radio, and an electronic speed control.

Stock#	Description	Retail	Now
TC1674	Kyosho Lazer ZX 4WD Electric	\$339.95	\$249.99
TC3209	Mega 16x2 4WD Off Road Motor w/BB	42.95	27.99
TC2793	6-Cell 1700 mAh SCE Saddle Pack	54.95	39.99



LeMans 240ST motor (included) for incredibly smooth power delivery and balanced handling. Kyosho Gold Shocks and extra-long wishbones on the Mid's 4-wheel independent suspension provide smooth, precise handling, even on the toughest tracks. Other features include an aluminum pan chassis, four ball bearings, Kyosho's Heavy-Duty Rotary Speed Control, plus low-profile tires, Lexan body, and an adjustable rear wing. The 13.8" long Mid requires a BEC-equipped, 2-channel radio, 6- or 7-cell battery, and charger, available now in a money-saving combo!

	Stock#	Description	Retail	Now
	TZ2203*	*Optima Mid/Airtr. VT-2P Radio/7C		
4		Batt/#900 AC/DC Auto Charger		
		Performance ComboSAVE \$10.00!	479.80	291.96
1	TC1676	Optima Mid 4WD Electric	289.95	199.99
١	TC1415	Graphite Long Chassis Conv. Kit	99.95	69.99
	TC1429	Optima Mid Screw Set	16.00	12.99

## KYDZHO Slingshot



Make your trips to the oval winning ones with the advanced design – and exceptionally low price — of the 1/10 scale Slingshot 4WD.

Featuring a twin-belt drive system and full ball bearings, the 16.1" long Slingshot loads a 7-cell battery on the left side of the main chassis — providing ideal weight distribution for oval racing. Batteries can also be loaded in the usual manner.

Slingshot features a 2.5mm thick FRP main chassis with 1.5mm upper deck, 4-wheel independent double wishbone suspension, Kyosho Gold Shocks on all four wheels, narrow front and low profile rear tires. Required are a 240-size motor, 2-channel radio, electronic speed control, 6 or 7-cell battery, body, charger, and body.

Stock #	Description	Retail	Now
TZ2202	Slingshot/Vette Outlaw Body Combo	\$358.90	\$112.98
TC1675	Kyosho 1/10 Slingshot 4WD Dirt Oval	339.95	99.99
TC1355	Andy's '88 Vette Outlaw Body		14.99



Enjoy the high-powered performance of the lean, low-slung Kyosho Corvette ZR-1 in gas-powered or new electric-powered versions!

The **ZR-1 Electric** is powered by a potent 19,000 RPM LeMans Stock 05 Motor, and includes Kyosho's smooth rotary speed control. The Kelron™ double-deck chassis is based on the classic Ultima design, and accepts most Ultima hop-ups for even greater performance.

The **ZR-1 Gas** slices through the air with the power of the included O.S. .12 CZ-R engine, mid-mounted on a 2.0mm thick duraluminum flat-pan chassis for optimum balance. The ZR-1 features an easy-to-use recoil starter, silencer muffler, and quick-fill fuel tank. Both versions feature an enclosed gearbox, fully-independent, double-wishbone suspension, and four oil-filled pressure shocks for a ride that's as smooth as the lines on the Lexan body. Both require a 2-channel radio; electric version also requires 6- or 7-cell battery pack and charger.

I The second of	The state of the s	a.ger.	
Stock#	Description	Retail	Now
TZ2205*	*Corvette (Gas)/Airtronics VT-2P		
	Pistol Radio SAVE \$10.00!	\$479.90	\$311.98
TC1890	1/10 ZR-1 Corvette w/O.S. 12CZ-R	359.95	269.99
TZ2204*	*Corvette (Elec.)/Airtr. VT-2P Radio/6C		

TC1682 Batt/Pwr Q.Chg ComboSAVE \$10! 389.80 234.96 TC1682 1/10 Electric ZR-1 Corvette . . . . . 219.95 159.99

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## Tower's Guide to Savings . . . Our Best

Tower Tower Special Talk Catalog Stock Page Page Number Tower Tower Special
Talk Talk Catalog Stock
Price Page Page Number Retail Price Retail AIRPLANE KITS -AIRPLANE KITS(CONT'D) GET A FREE 1 OUNCE BOTTLE OF HOBBICO BULLET CA GLUE WITH ANY 10 BALSA AIRPLANE KIT ORDERED FROM THIS TOWER TALK! Top Flite Elder Bi-Plane .45-.75..... Top Flite RC32F Elder 20 Float Kit.. 66.99 12.99 TC1091 173.95 101 Ace Whizard .049-.051 ..... \$32.95 \$22.99 21.95 Ace Sea Master 40-45
Ace Sea Master 40-45
Ace Seamaster 120 1.08-2.5
Ace Bingo .40-60
Ace All Star Biplane
Astro Flight Porterfield Collegiate Deluxe Top Flite Holysmoke 40 Flying Wing .25-.45 .... SAVEI
Top Flite Kittiwake Seaplane .19-.28
Top Flite Contender 60 .40-.60 ..... 89 TC1002 TC1093 99.95 **69.99** 199.95 **132.99** TC1094 TC1096 102.95 10 10 TC1004 89.95 107 95 TC1005 TC1006 124 TC1097 10 249.95 166.95 107.99 124 TC1099 Ben Buckle Airplanes — See page 10 101.95 59.99 Concept Models 1/4 Scale Fleet Biplane-Quadra...... Concept Models 1/6 Scale Elec. Fleet Biplane .....NEW! 123 TC1009 94 TC1101 TC1102 TC1010 99.95 89.99 112.95 67.89 96 TC1011 252 TC1103 99.95 14.95 9.99 10 TC1013 252 10 134.95 19.95 13.99 Davey Systems Fly Baby Complete Electric.

Dynaflite Piece O' Cake-Complete .049

Dynaflite Piece Wish

Dynaflite Flore Dynaflite Dynaflite Butterfly MK3

Dynaflite Fun Scale Mustang .30 .40 97 TC1015 79.95 54.99 100 119.95 9 TC1018 43.99 Dynaflite Fun Scale Mustang .40 .60

Dynaflite Fun Scale Corsair .40 .50

Dynaflite Fun Scale Spiffire .40

NEW! 57.99 59.99 Helicopters, Sailplanes, and Propellers TC1019 106.95 100 TC1020 TC1021 59.99 28.99 AIRPLANE ACCESSORIES -99.95 Dynamer Full Scale Spinne - All Spin - All S 101 TC1022 TC1023 46 95 34.99 Composite Craft Graphite Pylon Wheels-2 1/4' 103 TC1024 TC1983 44.95 37.99 Goldberg Airplanes — See page 9 Great Planes Landing Gear — See page 43 Great Planes PT-E Trainer Electric
Great Planes PT20 Perfect Trainer .15-.20
Great Planes PT40 Perfect Trainer .25-.40
Great Planes Trainer Tempty .15-.25
Great Planes Trainer Forty .25-.45 TC1027 43 59.95 43.99 TC1029 69.95 Robart 2 Gear 90 Degree Rotating Retracts
Robart 1/4 Scale 90 Degree Non-Rotating Retracts
Tower Hobbies No. 64 Rubber Bands (Approx. 100)
U.S Aircore Explorer Floats 36" 40-60
U.S. Aircore The Power Cartridge .40 TC1030 69.95 195.00 169.99 TC1031 62.99 84.95 Great Planes Irainer Forty .25-.45
Great Planes Trainer Sixty .45-.61
Great Planes Big Stik 20 .19-.28
Great Planes Big Stik 40 .35-.46
Great Planes Big Stik 60 .50-.61
Great Planes ElectriCUB-Standard
Great Planes ElectriCUB-Deluxe TC1120 1.75 **1.59** 39.95 **24.99** TC1032 74.99 43 TC1033 69.95 49.99 TC1034 14.95 9.99 TC1035 104 95 74.99 TC1036 59.95 ARF AIRPLANES -19 TC1037 59.99 74.99 74.99 74.99 79.95 TC1038 Air Kraft Texas Outlaw Quickee Racer ARF ............NEW! TC1039 109 95 Aristocraft Piper J3 Cub ARF .19-.25 ... TC1040 Cox Airplanes — See page 16 51.99 64.99 69.95 Duracraft Duraplane Trainer II .25-.40 ..... TC1042 64.95 **44.99** 89.95 **49.99** 86.95 **57.99** Duracraft Dura-Trainer 40 .20-.40

Duracraft Dura-Plane II w/Durahide Wing .20-.40

Duracraft Dura-Bat .40-.46 109.95 79.99 Great Planes Super Sportster 60 .60-.90
Great Planes Super Sportster 90/120 .90-1.20
Great Planes Cap 21 .40-.45
Great Planes Cap 21 .60.
Great Planes CaP 21 1./4 Scale-Fiberglass Fuselage
Great Planes CAP 21 1./4 Scale-Fiberglass Fuselage
Great Planes CAP 20L-Glass-2 Part.
Great Planes Aerocomander Shrike-Glass.
Great Planes AT-6 Texan (Fiberglass Fuselage) .60.
Great Planes T-28D (Fiberglass Fuselage) .60-.90
Great Planes Corbin Ace .60-.90.
Great Planes Electrostreak w/Motor. 16 TC1044 139.95 TC1045 109.95 TC1130 89.95 49.99 Duracraft Dura-Bat w/Durahide Wing .40-.42..... TC1046 179.95 344.95 129.99 264.99 TC1131 TC1047 Flitecraft Airplanes — See page 15 TC1048 264.99 344.95 TC1049 Futaba Electric Professor ARF..... 309.95 244.99 TC1136 209.95 129.99 TC1050 189.95 **124.99** 344.95 **229.99** 319.95 249.99 102 TC1137 105 TC1051 329.95 106 279.95 224.99 Hobbico ASAP's - See page 12&13 TC1053 TC1054 Great Planes Electrostreak w/Motor... Great Planes Ultra Sport 40 ..... TC1141 109.95 74.99 TC1055 Great Planes Ultra Sport 60
Great Planes Dirty Birdy 60 (Fiberglass Fuselage) 124.95 199.95 TC1142 TC1143 TC1144 149.99 8 106 219.95 249.95 TC1057 79.95 59.99 TC1145 TC1146 106 TC1058 13 194.99 149.95 109.99 134.95 Great Planes Sportser Bipe 40 .35 .45
Guillows B-24D Liberator
House of Balsa P51D Mustang .19 .21
Lanier Stinger Giant Scale Kit 1 2 .4 2 ... REDUCED!
Ohio Superstar Sportabatic-84" .90 1 .08 Hobbico Flightstar 40 AWARF .40-.45 ... SAVE \$10.00!
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Kyosho Electric Ballad ARF Complete
Kyosho ARF Electric Cessna Cardinal. TC1147 TC1148 TC1060 109.95 149.95 **99.99** 199.95 **149.99** 81.99 TC1061 48 00 TC1149 TC1150 107 TC1062 12 10 299.95 179.95 TC1063 199.95 139.99 Ohio Superstar Sportabatic-92" 1.20-2.10

Ohio Superstar Sportabatic-92" 1.20-2.10

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Pica 1/5 Scale Spitfire MK. 9. 90-1.20

Pica North American T-28B

Pica 1/5 North American T-28B. 90-1.20

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Pica Duelist 240, 40-45 Pica 1/5 P-51D Mustang REDUCED \$10.00! Lanier Sea Bird ARF. 229.95
O.S. Ryan RTF w/40 FP Engine. 399.95
O.S. Laser w/25 SF Engine. 349.95
Scorpio Safari 2000 ARF. 15-30. 104.95
Sureflite P-40 Warhawk (all foam). 40. 72.95
Top Flite Headmaster ARF. 40-45 REDUCED \$20.001
199.98 TC1073 10 TC1160 121.99 16 10 TC1161 TC1074 264.95 349.95 224.99 TC1162 8 TC1076 319.95 72.95 39.99 16 Royal Corsair (.60-.80) 209.95 Royal Corsair (.60-.80)

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Royal P-38 Lightning
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Custom Works 7 Cell Battery Cradle Kit 314.95 244.99 8.99 10.50 259.95 239.95 115 TC1083 23.50 24.00 Noyal Decirical Baron.
Sterling Corsair , 049-10.
Sterling Stinson Reliant .40-.56.
Sterling PT-17 Stearman .56-.70.
Sterling PG-17 - 75-.70.
Top Flite Elder .15-.30. TC1085 49.95 DuraTrax Batts & Connects. — See pgs 57&58 TC1086 99.95 TC1087 149.95 84.99 84.99 149.95 10 TC1089 62.95 35.99

## Selection and Prices at a Glance

	Catalo	Special g Stock Number	700 m	Retail Price	Talk	Talk	Catalog Page		eb fe fing subsection	Retail Price	Tower Talk Price
	177	BATT	ERIES (CONT'D)				10	BUIL	DING EQUIPMENT (CONT'D) -	7 7 7 7	
		TC1176	Hyperdrive Enduro Quick Change KitNEW!	\$64.95		-	270	TC1260	Badger 200-89 Basic Airbrush SetNEW!		\$79.99
		TC1177	o Batteries — See page 57	6.00	4.99	39 39	270 270	TC1261 TC1262	Badger 400-2 Expert Detail Gun-Medium Tip	99.95 159.95	59.99 104.99
		TC1180	Kyosho NiCd Power Cell (Free Flight Airplanes)	13.35	10.99			TC1263 TC1264	Bondhus 10-Pc Balldriver L-Wrenches-StndrdNEW! Bondhus 8-Pc Precision Hex Drive Set-StndrdNEW!	7.99 32.45	6.99
66	28	TC1181	Kyosho 6 Cell 270mAh Battery Minis	29.95	21.99	155		TC1265	Bondhus 8-Piece Nutdriver Set-StandardNEW!	48.95	33.99
	28	TC1182 TC1183	Kyosho 6 Cell 600mAh Battery Minis Kyosho 6 Volt 450 mAh Battery (Petit Series Planes)	44.95 31.95	33.99 19.99			TC1266 TC1267	Bondhus 8-Piece Nutdriver Set-Metric	49.40 7.65	34.99 6.49
			Batteries — See page 58			38	254	TC1268	Coverite Balsarite 16 oz	7.75	5.29
58		TC1186	Peak Performance Orion 1400 SCR 6 Cell-510+	67.50	44.99	39	244	TC1269 TC1270	Dremel 750 Mini Mite Cordless Tool Dremel 8508 Freewheeler w/Charge Case/Access	48.00	29.99 64.99
58		TC1187	Peak Performance Orion 1400 SCR 6 Cell-450+	63.60	42.99	39	244	TC1271 TC1272	Dremel 2850 Moto-Tool Kit (Two Špeed)	101.00	62.99 67.99
58 58		TC1188 TC1189	Peak Performance Orion 1700 SCE 6 Cell-670+	81.00 94.50	54.99 59.99	39	244	TC1273	Dremel 3950 Moto-Tool Kit (Variable)-40 Access	112.00 127.00	77.99
58 58		TC1190 TC1191	Peak Performance Orion 1700 SCE 6 Cell-650+ Peak Performance Orion 1700 SCE 7 Cell-650+	75.00 87.50	49.99 57.99	39	244	TC1274 TC1275	Dremel 3952 Vrbl Speed Super Kit w/Flex/Case .NEW! Dremel 572 Deluxe Moto-Shop with Accessories	144.00 165.00	89.99 94.99
36				67.50	31.99	39 39	244 244	TC1276 TC1278	Dremel 580 4in Table Saw	224.00	129.99
		TC1194	atteries — See page 58	26.00	16.00	237	244	TC1279	Dremel 1731 Disc Belt Sander Deluxe	178.00 270.00	114.99 179.99
56	71	TC1194	Sanyo 1300mAh 6 Cell SC Assembled Pack	26.00 16.50	16.99 8.99	39	245	TC1280 TC1281	Dremel Battery Pack for 750 Mini Mite	22.25 19.95	16.99 14.99
56 56	71 71	TC1196 TC1197	Sanyo 800mAh 4.8 Volt Receiver NiCd Battery	22.95 25.95	14.99 16.99	100	235	TC1282	Goldberg Super Jet Glue-2 oz.	9.99	5.99
56	71	TC1198	Sanyo 600mAh 1.2 Volt AA NiCd Battery	2.99	2.29		235 235	TC1283 TC1284	Goldberg Slow Jet-2 oz.	9.99	5.99 5.99
56 56	75 75	TC1199 TC1200	Tower Hobbies 12 Volt Charger	14.95 25.95	8.89 12.99	38	271	TC1285	Goldberg Model Magic Filler-8 oz	5.99	4.99
		_	Batteries — See page 56	20.75		39	246 247	TC1286 TC1287	Great Planes Wing Jig Kit	24.95 14.95	18.99 8.99
			and at his aid and and affails started				74 74	TC1288 TC1289	Hobbico Parts Box 7"X4"X1" -9 Compartments	2.00 5.50	1.79 4.59
	100.000	BOAT	S & BOAT ACCESSSORIES —			1996	74	TC1290	Hobbico Parts Box 11"X7"X2" -18 Compartments Hobbico Parts Box 13"X9"X2" -24 Compartments	8.75	7.29
		Additi	onal Boats — See pages 40-42				74 74	TC1291 TC1292	Hobbico Parts Box w/Handle 17"X8"X2" -8 Compart Hobbico Tool Brute Tote	14.95 11.95	11.99 9.99
	170	TC1206	Dumas Hot Shot Sprint 3.5	85.00	49.99		79 79	TC1293	Hobbico Bullet CA Glue 1 oz.	4.59	3.29
	172	TC1207	Dumas Creole Queen	275.00	159.99	39	79	TC1294 TC1295	Hobbico Bullet CA+ Glue 1 oz	4.59 4.59	3.29
	171 168	TC1208 TC1209	Dumas Z65 Tournament Fisherman 49"	275.00 80.00	199.99 52.99		79 79	TC1296 TC1297	Hobbico Bullet CA Glue 2 oz	8.49 8.49	5.99 5.99
	172	TC1210	Dumas Hardware Kit for Creole Queen	60.00	49.99	12	79	TC1298	Hobbico Bullet CA- Glue 2 oz.	8.59	5.99
	171 171	TC1211 TC1212	Dumas Hardware Kit for Z65 Tournament Fisherman  Dumas Hardware Kit for 38 Scarab KV Fiberglass	90.00 87.00	74.99 59.99	1	79 79	TC1299 TC1300	Hobbico Bullet Debonder 2 oz.  Hobbico Bullet Activator 2 oz.	4.49	3.49 2.99
	174	TC1213** TC1214	Futaba Candy Boat w/2P Radio	259.95	99.99	199	79	TC1301	Hobbico Bullet Activator Refill 8 oz	7.99	6.99
	174	TC1215	MRP Gentry Eagle Deluxe	249.95	149.99	96	79	TC1302 TC1303	Hobbico Bullet Thread Lock 6ML	3.95	2.79
	174 174	TC1216 TC1217	Prather Lap Cat II Tunnel Hull 7.5 CC		124.99 77.99	100	235	TC1304 TC1305	Hot Stuff UFO CA- 1.8 oz. Hot Stuff UFO Thick CA- 1.8 oz.	17.95	9.99
	174	TC1218	Prather Accessory Kit for Lap Cat III	119.95	77.99		236	TC1306	Hot Stuff Glue-2 oz.	17.95 9.95	5.99
	175 175	TC1219 TC1220	Sterling Century Sea Maid Runabout		59.99 89.99	98	236 272	TC1307 TC1308	Hot Stuff Super T-2 oz. (gap filling) K&B Superpoxy 8 oz Spray Gloss Catalyst	9.95 6.30	5.99 4.99
	175 175	TC1221 TC1222	Sterling U.S.S. Missouri	119.95	74.99		272	TC1309	K&B Polyester Resin-Quart	12.90	9.99
		TC1223	Sterling B18 American Scout	119.95	79.99 83.99	55	272 272	TC1310 TC1311	K&B 3/4 oz. Fiberglass Cloth-1 sq. yard K&B 2 oz Fiberglass Cloth-1 sq. yard	6.50	4.99 4.79
	175 175	TC1224 TC1225**	Traxxas Villain IV Boat Kit-Electric	225.00 385.00	129.99	128		TC1312	K&S 12 Volt Field IronNEW!	5.95	4.99
	18.50	TC1226	Trinity Marine Cooling Kit	24.99	18.99	199	54 54	TC1313 TC1314	Kyosho Lexan Scissors w/Sander Kyosho Lexan Sander-Alone	13.95 4.45	10.89
		ROOK	(S & VIDEOS —				54 56	TC1315 TC1316	Kyosho Lexan Scissors	12.95 2.95	7.99 1.99
						280	56	TC1317	Kyosho Polyca Paint Red 20cc	2.95	1.99
			Brown Simulators — See page 43	3130		98	56 56	TC1318 TC1319	Kyosho Polyca Paint Black 20cc	2.95 2.95	1.99 1.99
16		TC1229	Duracraft "Dura-Plane: The Movie"-VHS	24.95	19.99		56	TC1320	Kyosho Polyca Paint Yellow 20cc	2.95	1.99
20	202		ideos — See page 43			39	56 249	TC1321 TC1322	Kyosho Polyca Paint Fluorescent Pink 20cc Eldon J. Lind Master Magic Magnet Builder	2.95	1.99 99.99
29 29	203	TC1232 TC1233	O.S. Carburetor Booklet 2nd Edition	6.00 7.00	3.99 4.99	39 39	272	TC1323	Miller Spray Set w/3 Spray Guns w/Compressor	139.95	77.99
	241 241	TC1234 TC1235	RC Video Magazine Striking Back VHS TapeRC Video Magazine Wheels Video Tape-VHS	17.95	14.99	39	273 273	TC1324 TC1325	Paasche H-Set Airbrush Set	64.00 97.00	37.99 59.99
	241	TC1236	RC Video 'You Can Fly R/C Helicopters' VHS	17.95 29.95	14.99 22.99	39	273 236	TC1326 TC1327	Paasche D500 Air Compressor REDUCED \$5.00! Pacer Zap CA 2 oz	150.00	89.99 6.49
43	241	TC1237 TC1238	RC Video Magazine World Heli Championships '89 RC Video Magazine Scale Hydro Racing	19.95 29.95	14.99 22.99		236	TC1328	Pacer Zap-A-Gap CA+ 2 oz	10.99	6.49
	P1 (9)	TC1239	RC Video Byron's Aviation Expo '89 Video	19.95	14.99	1983	236	TC1329 TC1330	Pacer Zip-Kicker Refill 8 oz	9.99	5.99 3.19
43	241	TC1240 TC1241	RC Video Magazine Byron's Aviation Expo '90NEW! RC Video Magazine Volume 1-VHS	19.95 24.95	14.99 18.99	39	250	TC1331	Portasol Soldering Tool Kit	54.99	34.99
	241 241	TC1242 TC1243	RC Video Magazine Volume 2-VHS	24.95	18.99	39	250 250	TC1332 TC1333	Robart Wing Incidence Meter	29.95 27.95	18.99 19.99
	241	TC1244	RC Video Magazine Volume 3-VHS	24.95 24.95	18.99 18.99			Tower	Balsa — See page 38		
	241	TC1245 TC1246	RC Video Magazine Volume 5-VHS	24.95 24.95	18.99 18.99	38		TC1336	Tower Hobbies No. 11 Knife Blades-100 pack	15.95	11.99
	241	TC1247	RC Video Magazine Volume 7-VHS	24.95	18.99	38 38	79 79	TC1337 TC1338	Tower Hobbies Precision Single-Edge Blade (100)	10.99	7.99 1.29
	241	TC1248 TC1249	RC Video Magazine Volume 8-VHS	24.95 24.95	18.99 18.99	40	79	TC1339	Tower Hobbies 6 Minute Epoxy 9.0 oz	9.95	6.99
	241	TC1250	RC Video Magazine Volume 10-VHS	24.95	18.99	40	79	TC1340 TC1341	Tower Hobbies 30 Minute Epoxy 9.0 oz	9.95	6.99 89.99
	241	TC1251 TC1252	RC Video Magazine Volume 11-VHS	24.95 24.95	18.99 18.99	38	251 251	TC1342 TC1343	X-Acto RC Car Tool Set X-Acto No.5087 Deluxe Knife&Tool Chest .REDUCED!	47.95	24.99
	241	TC1253 TC1254	RC Video Magazine Volume 13-VHSRC Video Magazine Volume 14-VHS	24.95 24.95	18.99	38	251	TC1344	X-Acto No.5089 Deluxe Knife & Tool Cabinet	54.95 134.95	27.99 79.99
	-	TC1255	RC Video Magazine Volume 15-VHS	24.95	18.99 18.99	38	251	TC1345 TC1346	X-Acto All Purpose Knife Set	14.95 12.95	8.99 7.99
		TC1256	RC Video Magazine Volume 16-VHS	24.95	18.99	38		TC1347	X-Acto Knife Chest	16.95	9.99
39	242	BUILL TC1257	A-Justo-Jig Full House Wing & Fuse Jig	80.05	63.99		100	CAR	& TRUCK ACCESSORIES ——		
39	270	TC1257	Badger 150-IL Poster Airbrush  Badger 200-3 Deluxe Airbrush Kit	89.95 80.00 62.95	59.99 39.99	60		TC1348	A&L Monster Truck Conversion-Ultima	69.95	49.99

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Tower Tower Special Talk Catalog Stock Page Page Number Tower Tower Special Talk Catalog Stock Page Page Number Retail Price Talk Price Number Price Price CAR & TRUCK ACCESSORIES (CONT'D) CAR & TRUCK ACCESSORIES (CONT'D) Kyosho Tires for Vanning (2)..... Kyosho Wheels Hi-Rider, D. Dare, Big Boss (2)... Kyosho Large Diameter Chrome Wheels (2)..... A&L Monster Truck Conversion-Lazer \$34.90 \$27.99 A&L Monster Truck Conversion-RC10 A&L Monster Truck Conversion-JRX2 49.99 41.99 60 TC1350 69.95 TC1447 12.80 60 10.20 A&L Lethal Weapon Tranny-RC10. REDUCED \$5.00!

A&L Lethal Weapon Tranny-Ultima
Andy's 1/10 Chevy Extended Cab Truck
Andy's 1/10 '88 Vette Outlaw Wedge Body
Andy's 1/10 Olds Cutlass NASCAR

NEW!

Andy's Pro Race Kit-Graphite

REDUCED \$10.00! 61 142 TC1352 134.95 52 TC1449 9.60 TC1353 Kyosho Whis-Tur.Uli,Uli,Salut,Tur.Op.Md.Opt Md SE(2)
Kyosho Special Wing for Opt,Jav,Ult,Opt Mid SE,Max...
Kyosho Rear Wing for All 1-710 Cars
Kyosho Wing Mount for T. Ultima,Ultima Pro,Ultima II
Kyosho Wheel Set Sideways (4)...... TC1354 18.95 52 TC1451 9.60 142 TC1355 18.95 163 TC1452 18.95 TC1453 7.20 142 Andy's Pro Race Kit-Graphite .......REDUCED \$10.
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Talk	Catalo Page			Retail Price		Talk	Catalo	Special g Stock Number		Retail Price	
		- CHAP	RGERS (CONT'D)			_			ERING (CONT'D)		
55 54 54 54 54 55 55 57	261 73 73 76 76 76 28 28 262	TC1530 TC1531 TC1532 TC1533 TC1534 TC1535 TC1536 TC1537 TC1538 TC1539 TC1540	Five Star 5555 AC/DC 4-8 Cell Digital Charger Hobbico 900 AC/DC Auto-Charger Hobbico 905 AC/DC Multi-Charger Hobbico 910 Vari-Rate AC/DC Multi-Charger Hobbico 920 AC/DC Digital Multi-Charger Kyosho Multi-Charger II Kyosho FET Peak Charger (Totally Automatic) Kyosho DC Power Quick Charger for 7-2 Volt 1200mAh Kyosho DC Power Quick Charger for 7-2 Volt 270mAh Kyosho DC Power Quick Charger for 7-2 Volt 270mAh Leisure 107 6-7 Cell AC/DC Auto Charger  ech Chargers — See page 55	39.95 57.95 64.95 94.95 39.95	\$64.99 27.99 37.99 45.99 64.99 27.99 79.99 14.99 17.99 24.99 39.99		78 78 78 78 78 78 78 78 78 78 257 257	TC1615 TC1616 TC1617 TC1618 TC1619 TC1620 TC1621 TC1622 TC1623 TC1624 TC1625 TC1626 TC1626 TC1626	Top Flite MonoKote Metallic Blue-25'.  Top Flite MonoKote Metallic Plumb-25'.  Top Flite MonoKote Metallic Gold-25'.  Top Flite MonoKote Metallic Red-25'.  Top Flite MonoKote Metallic Brown-25'.  Top Flite MonoKote Metallic Charcoal-25'.  Top Flite MonoKote Metallic Patinum-25'.  Top Flite MonoKote Frosted Wine-25'.  Top Flite MonoKote Frosted Blue-25'.  Top Flite MonoKote Frosted Aluminum-25'.  Top Flite MonoKote Trins Hospian Seet Trim Sheet.  Top Flite MonoKote Trim Insignia Blue.	\$66.62 66.62 66.62 66.62 66.62 66.62 70.79 70.79 70.79 2.39 2.39	\$36.9 36.9 36.9 36.9 36.9 36.9 36.9 36.9
55 55	266 269		Tekin BC100L Peak Charger-Linear Tekin BC210 Reflex Peak Charger REDUCED \$8.00! Chargers — See page 55 THING	110.00 210.00	66.99 129.99		257 257 257 257 257 257 257 257	TC1628 TC1629 TC1630 TC1631 TC1632 TC1633 TC1634	Top Flite MonoKote Trim Midnight Black Top Flite MonoKote Checkerboard Trim Black/White Top Flite MonoKote Checkerboard Trim Black/Yellow Top Flite MonoKote Sparkle-Trim Glitter Gold. Top Flite MonoKote Sparkle-Trim Glitter Red. Top Flite MonoKote Markings USAF	2.39 2.99 2.99 3.25 3.25 4.75	1.9 2.4 2.4 2.6 2.6 3.7
59 59 59 59	52 52 52 52 52	TC1547 TC1548 TC1549 TC1550 TC1551 TC1552 TC1553 TC1554	Kyosho Cap - Fluorescent Green           Kyosho Cap - Fluorescent Yellow           Kyosho Cap - Fluorescent Orange           Kyosho Cap - Fluorescent Pink           Kyosho Neon Green Pit Pal           Kyosho Neon Yellow Pit Pal           New!           Kyosho Neon Orange Pit Pal           New!           Kyosho Neon Pink Pit Pal           New!           Nosho Neon Pink Pit Pal	11.95 11.95 11.95 11.95 10.95 10.95 10.95	7.99 7.99 7.99 7.99 6.99 6.99 6.99	37 37 37 37 37	257 257 257 257 257 257 257 256 79	TC1634 TC1635 TC1637 TC1638 TC1639 TC1640 TC1641 TC1642 TC1643	Top Flite MonoKote Markings Vintage 2/Set Top Flite MonoKote Markings US Navy White Top Flite Heat Gun Top Flite Sealing Iron Top Flite MonoKote Hot Sock Iron Cover. Top Flite Trim Seal Tool Top Flite MonoKote Cleaner Polish - 8 oz. Tower Hobbies Deluxe Heat Gun Tower Hobbies Custom Sealing Iron	6.69 4.99 32.95 24.95 3.69 21.95 4.95 32.95 21.95	5.29 3.99 19.99 15.99 2.89 14.99 2.49 14.99
_		COVE	RING —	200		-		ELEC	CTRIC CARS —		
	253 253 253 253 253 253 253 253 253 253	TC1555 TC1555 TC1558 TC1558 TC1559 TC1560 TC1561 TC1563 TC1564 TC1566 TC1566 TC1567 TC1566 TC1567 TC1570 TC1571 TC1571 TC1572 TC1573 TC1574 TC1575	Coverite Black Baron Film White-6'. Coverite Black Baron Film Fire Red-6'. Coverite Black Baron Film Fire Red-6'. Coverite Black Baron Film Film Blue-6'. Coverite Black Baron Film Cub' Yellow-6'. Coverite Black Baron Film Ou's Yellow-6'. Coverite Black Baron Film Black-6'. Coverite Black Baron Film Fokker Red-6'. Coverite Black Baron Film Fokker Red-6'. Coverite Black Baron Film Metal Red-6'. Coverite Black Baron Film Metal Blue-6'. Coverite Black Baron Film Metal Silver-6'. Coverite Black Baron Presto-4' Film Blue. Coverite Black Baron Presto-4' Coverite Black Baron Presto-4' Coverite Black Baron Presto-4' Film Blue. Coverite Black Baron Film Film Blue-6'.	12.99 12.99 12.99 12.99 12.99 12.99 12.99 13.99 13.99 7.95 7.95 7.95 7.95 7.95 7.95 7.95	6.99 6.99 6.99 6.99 6.99 6.99 7.99 7.99	69 69 69 69 69 69 69 69 69 69 68 68	134 134 134 134 134 134 135 135 135 135	TC1647 TC1648 TC1649 TC1650 TC1651 TC1653 TC1654 TC1656 TC1657 TC1658 <b>Bolink</b> TC1661 TC1662 TC1663 TC1663 TC1663 TC1663 TC1663 TC1663	Associated RC10 Kit w/Graphite Chassis.  Associated RC10 Team Car w/Aluminum Chassis.  Associated RC10 Team Car w/Aluminum Chassis.  Associated RC10 Team Car w/ Graphite Chassis.  Associated RC10 Team Car w/ Graphite Chassis.  Associated RC112 Fiberglass Car/no Body, Electrics.  Associated RC12L Fiberglass Car/no Body, Electrics.  Associated RC12L Fiberglass Car w/o Body  Associated RC12L Fiberglass Car w/o Body  Associated RC12L Fiberglass Car w/o Body  Associated RC112L Fiberglass Car w/o Body  Associated RC10L 1/10 On Road Kit-Fiberglass  Associated RC10L 1/10 On Road Kit-Graphite  Associated TOL Super Speedway Kit-Graphite  (Eliminators — See page 68  Bolink 1/10 Invader Oval Racer Kit.  Bolink 1/10 Invader Oval Racer Kit.  Bolink 1/10 1991 Sport-No Electric  Bolink 1/10 1991 Sport-No Electric  Custom Works Dominator 4WD-Grph-Complete SAVET	250.00 305.00 305.00 399.00 105.00 195.00 245.00 170.00 235.00 170.00 235.00	139.99 169.99 189.99 64.99 109.99 94.99 132.99 94.99 132.99 79.99 51.99 67.99 389.99
	253 253 253 253 253 254 254 254 254 254 254	_	Coverite Black Baron Presto-4' Metallic Red. Coverite Black Baron Presto-4' Metallic Blue Coverite Black Baron Presto-4' Metallic Blue Coverite Black Baron Presto-4' Metallic Chrome Coverite Super 46" X 15" White Coverite Super 46" X 15" Blue Coverite Micafilm 29" X 15" Trans Blue Coverite Micafilm 29" X 15" Trans Blue Coverite Micafilm 29" X 15" Metal Blue Coverite Micafilm 29" X 15" Metal Blue Coverite Permagloss 41" X 15" Light Blue Coverite Pocket Thermometer. Goldberg Ultra Cote 24" X 78" Bright Yellow Goldberg Ultra Cote 24" X 78" Flame Red Royal Economy Iron  NEWI  Onal TopFlite Monokote & Econoko	8.50 8.50 8.50 47.15 47.15 27.50 27.50 66.00 7.50 14.99 14.99 15.95	6.49 6.49 24.99 24.99 17.99 17.99 37.99 5.99 8.99 8.99	68 68 70 69 68 68 68 71 71 71 79 79 79 79	136 136 136 137 136 137 136 37 32 36 40 40 41 41 41 42	TC1666 TC16667 TC1668 TC1669 TC1670 TC1671 TC1672 TC1674 TC1675 TC1676 TC1676 TC1677 TC1678 TC1679 TC1680 TC1681 TC1682	Custom Works Intimidator 2WD-Graphite-Complete Custom Works Intimidator 2WD-Fiberglass-Basic. Custom Works Enforcer Sprint Car Kit. Fine Design Mfg. 1/10 Pro Stock Drag Kit. Fine Design Mfg. 1/10 Pro Stock Drag Kit. Flutabe FX-10 1/10 Offroad Car REDUCED \$5.00! Hyperdrive Hyper 10 1/10 On-Rd Kit-Grph Competition. Hyperdrive Hyper 10 Sportsman On-Road Kit. Hyperdrive Hyper 10 Limited Edition Kyosho 1/10 Lazer ZX 4WD Electric Buggy. Kyosho 1/10 Sling Shot 4WD Electric Buggy. Kyosho 1/10 Optima Mid 4WD Electric Buggy. Kyosho 1/10 Porsche 962 Group C Electric NEW! Kyosho 1/10 McLaren-Honda F1 Electric. Kyosho 1/10 Lamborghini Countach Electric Kyosho 1/10 Errari Testarossa Electric Kyosho 1/10 Ferrari Testarossa Electric Kyosho 1/10 Ferrari Testarossa Electric Kyosho 1/10 Repose Description.	339.95 289.95 219.95 219.95 219.95 219.95 219.95	319.9 249.9 399.9 119.9 249.9 109.9 319.9 249.9 99.9 159.9 159.9 159.9 159.9
	78 78 78 78 78 78 78 78 78 78 78 78 78 7	TC1594 TC1595 TC1596 TC1597 TC1598 TC1598 TC1599 TC1600 TC1601 TC1603 TC1605 TC1606 TC1607 TC1608 TC1607 TC1601	Top Flite MonoKote Clear-25'	58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29 58.29	32.99 32.99 32.99 32.99 32.99 32.99 32.99 32.99 32.99 32.99 32.99 32.99 32.99 32.99 32.99	79 79 79 79 79 79 79 70 67 67 67 67 78 78 66 66 66	40 40 41 41 40 36 34 34 39 28 28 36	TC1683 TC1684 TC1685 TC1686 TC1687 TC1688 TC1689 TC1690 TC1691 TC1693 TC1694 TC1695 TC1696 TC1697 TC1698 TC1697 TC1701 TC1702 TC1701 TC1702	Kyosho 1/10 Nissan R89C Electric Kyosho 1/10 Forrari F40 Electric Kyosho 1/10 Forrari F40 Electric Kyosho 1/10 Porsche 911 Turbo Electric Kyosho 1/10 Nissan 300ZX Electric Kyosho 1/10 Nissan 300ZX Electric Kyosho 1/10 Forrari F1 Electric Kyosho 1/10 Sideways Electric Sprint Car Kyosho 1/10 Vilima II 2WD Electric Buggy Kyosho 1/10 T. Ultima II 2WD Electric Buggy Kyosho 1/10 T. Ultima II 2WD Electric Buggy Kyosho 1/10 Raider Electric Buggy Kyosho 1/10 Raider Electric Buggy Kyosho 1/10 Raider ARR w/Painted Body Kyosho 1/10 Turbo Raider Electric Buggy Kyosho 1/10 Turbo Raider Electric Buggy Kyosho 1/8 Yamaha YZR500 Electric Motorcycle Kyosho 1/8 Yamaha YZR500 Electric Motorcycle Kyosho 1/10 Turbo Optima 14X w/Radio (Assembled) Kyosho 1/10 Rocky 4WD Electric Buggy Team Losi JRX-PRO 1/10 Off-Road Kit Team Losi Junior Two Off-Road Kit Team Losi Junior Two Off-Road Kit Team Losi Junior Two Off-Road Kit McAllister 1/10 Outlaw Stock Car,Ball Bearing	219.95 219.95 219.95 219.95 219.95 219.95 219.95 279.95 269.95 119.95 114.95 114.95 139.95 114.95 139.95 199.95 199.95	159.9 159.9 159.9 159.9 159.9 109.9 129.9 169.9 169.9 79.9 94.9 109.9 79.9 129.9 129.9 129.9

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	140 140	TC1724 TC1725**	Traxxas Radicator 2WD Kit		89.99		69 69	TC1811	SuperTiger Tiger Paw Muffler for 21-29	29.95	21
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	192		Aristocraft 6-10 Amp Speed Control w/Reverse	24.95	19.99	46 46	190	TC1824 TC1825	Ace 20/50MA Digipace w/Auto Trickle SAVE \$10.00! Advanced Fluorescent Case-Multi ClearNEW!	139.90 44.95	10
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		- See	pages 46&47			179	46	TC1827	Advanced Race Case-Monster Case Black	54.95	3
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		ENGI	NES & ENGINE ACCESSORIES			46		TC1830	Advanced Race Case-Monster Case Yellow	54.95	3
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	205	TC1743	Astro Flight 40 Cobalt Airplane Motor		99.99				rax Field Bags — See page 44		
	205	TC1744	Astro Flight 05 Cobalt Geared Motor		87.99		261	TC1835	Dynaflite Standard Hi-Start	69.95	3
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	203			. 175.55	113.33		76	TC1838	Flitecraft RTF Runway Caddy Field Box	35.95	2
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	216	TC1751	Fox RC Long Glow Plug		1.79	44	74	TC1842	Great Planes Master Caddy with A.P.S.	39.95	2
	216	TC1752	Fox 4 Cycle Miracle Glow Plug		2.79	44	262	TC1843	Hobbico Banana Plugs (3 Pr.)	3.95	
	216	TC1753 TC1754	Great Planes Engine Mount 05		2.79		262	TC1844 TC1845	Hobbico Rubber Starter Adapter for Spinner Hobbico Rubber Starter Adapter for Car	1.50	
	216	TC1755	Great Planes .15 Engine Mount		3.09	45	71	TC1846	Hobbico Hot Shot Glo-Starter w/Charger	25.95	1
	216	TC1756	Great Planes Engine Mount .19 Size		3.29	45	71	TC1847	Hobbico Super Hot Shot Glo-Starter w/Charger	39.95	2
	216	TC1757 TC1758	Great Planes Engine Mount .40 Size		3.39 3.49		73 73	TC1848 TC1849	Hobbico Torqmaster 90 Deluxe 12 Volt	49.95 64.95	3
	216	TC1759	Great Planes 60L Long Engine Mount	4.30	3.69	45	75	TC1850	Hobbico Ultra-Tote Field Box	29.95	1
		TC1760	Hobbico Exhaust Deflector (.2034)NEW	3.95	3.49		73	TC1851	Kyosho Deluxe Motor Checker	129.95	6
		TC1761	Hobbico Exhaust Deflector (.3590)NEW	3.95	3.49	46 46	74 74	TC1852 TC1853	Kyosho Standard Field Bag for 1/12-1/10 Scale Kyosho X-Large Field Bag for Trucks & 1/8 Scale	19.95 24.95	1
		Irvine	Engines — See page 28			46	00.55	TC1854	Lightning Products Aircraft Workstation	49.00	3
		K&B E	ingines — See page 29			46	263	TC1855	McDaniel Ni-Starter (glow plug battery & UL Chgr)	29.95	1
	212	TC1766	Mac's Quiet Pipe - 10/60-65	49.95	39.99	46	263	TC1856 TC1857	McDaniel Ni-Starter w/Meter & UL Charger	34.95 14.95	1
	59	TC1767	McCoy 4-Cycle Glow Plugs (6)	. 12.49	9.99	46	199	TC1858	Ram Simple Cycler	19.95	1
	59 208	TC1768 TC1769	McCoy Racing Glow Plugs (6)		9.99 269.99	V.V.	264	TC1859	Royal Heavy Duty 12 Volt Electric Starter	48.95	2
	208	TC1770	OPS .67 Marine w/Tune Pipe 2PT		319.99		264 265	TC1860 TC1861	Royal Energized Locking Socket w/Charger	25.95 56.49	1 3
	208	TC1771	OPS .80 Marine w/Tuned Pipe 2PT		319.99		265	TC1862	Sullivan Dynatron Super Power Starter	84.95	4
		Additi	onal O.S. Engines — See page 25	27		45		TC1863	Tower Power Starter 12 Volt Deluxe	39.95	1
	62	TC1774	O.S. 25 VF ABC RC Rear Exhaust	174.95	94.99	45	77	TC1864 TC1865	Tower Power Starter 12 Volt Heavy Duty	59.95 41.95	3
	62	TC1775	O.S. 46 VF ABC RC Rear Exhaust	. 239.95	139.99	44	77	TC1866	Tower Hobbies Expanded Scale Voltmeter	24.95	i
	62 213	TC1776 TC1777	O.S. 46 VF ABC-P RC Rear Exhaust w/Pump O.S. Snufler Muffler .3540 FP		169.99 22.99	46	75	TC1867	Tower Hobbies Locking Glow Plug Clip	5.95 59.95	
	213	TC1778	O.S. Snuller Muffler .4046 SF		22.99	61	77	TC1868 TC1869	Tower Hobbies Digital LCD Mini-Tach	39.99	3 2
	213	TC1779	O.S. Snufler Muffler .5061 FSR	. 29.95	22.99	0.		TC1870	Trinity Transmitter Case	19.99	- 1
	213	TC1780	O.S. Snufler Muffler .61SF		22.99						
	218 218	TC1781 TC1782	O.S. Parts Pack For 35-40FP		12.99 27.99	_		<b>FUEL</b>	& FUEL PUMPS ————		
	218	TC1783	O.S. Carb #4D for 40-46	45.95	29.99	24	267	TC1871	Dave Brown Pour'N Pump System for Glow Fuel	21.95	1
	218	TC1784	O.S. Carb #2A for 20-25FP	. 22.95	14.99	24	261	TC1872	Cox Super Power Starting Kit	11.95	
	218 218	TC1785 TC1786	O.S. Carb #3A for 35-40FP O.S. #8 Glow Plug Standard for 2 Cycle Engines		14.99 4.29	24	0585	TC1873	Dubro E/Z Fill Fuel PumpNEW!	12.95	
	218	TC1787	O.S. #F Glow Plug for 4 Cycle Engines	6.95	5.79	24	267	TC1874 TC1875	Dubro E/Z Fill Fuel Pump w/Gallon ContainerNEW!  Dubro Hand Operated Fuel Pump	19.95 31.95	1 2
	218	TC1788	O.S. Motor Mount for FS91 Surpass	. 27.95	22.99	29	268	TC1876	Perry Pump Regulator	32.95	1
139	218	TC1789 TC1790	O.S. Motor Mount for 20-25FP		10.99 15.99	38		TC1799	Ram RED12 Low Fuel Light-Glow Fuel	19.95	1
	218	101/70	O.S. Muffler #762 for 25F-32F		11.99	24 24	269	TC1877	Royal 12 Volt Electric Fuel Pump Sonictronics Mark X 12 Volt Fuel Pump	22.95	1
	218	TC1791	0.3. Mullier # /02 for 231-321			1 /4	269	TC1878	SONICITORICS MARK A 12 VOIL FUEL PUMP	19.95	13
,		TC1791 TC1792 TC1793	O.S. Muffler #703 for .30 .40	. 12.95	9.99 11.99	24	269	TC1879	Sonictronics Super X 12 Volt Fuel Pump w/Switch	23.95	10

## Selection and Prices at a Glance

age		Stock Number		Retail Price		Talk	Catalo Page		Reta Pric	
		FUEL	& PUMPS (CONT'D)			-	rege	RADIOS & ACCESSORIES (CON		
		Tower	Fuel — See page 24				27	TC1948**Kyosho Pulsar KR2MB 2 Channel BEC Receiver TC1949**Kyosho AM Crystal Set Pulsar/Impulse	\$39.95	
		GAS	CARS			35 35	25 25	TC1950 * Kyosho Advance 5 Channel PCM Receiver	69.95	5 59
3	134	TC1883	Associated RC250 Club Racer II 1/8 Gas Car Kit	. \$99.00	\$64.99		27 27	TC1952 Kyosho Pulsar Transmitter NiCd Battery	32.95	5 23
3	134 134	TC1884 TC1885	Associated RC300BD 1/8 Gas Car Kit w/Diff	475.00	124.99 249.99			Kyosho Servos — See page 36		
3	134 135	TC1886 TC1887	Associated 4WD 1/8 Gas On-Rd CarSAVE \$10.00 Cox 1/12 .049 GTP Nissan Kit	159.95	79.99		198 197	TC1956 Novak NER2S Receiver-Futaba J Plug-75MHZ Novak Universal Plug Kit		
3	135 45	TC1888 TC1889	Cox 1/12 .049 NASCAR Stocker	159.95	84.99 219.99	26	197	TC1958 Novak Universal Plug Conversion Kit	5.50	0
1	42 44	TC1890 TC1891	Kyosho 1/10 ZR1 Corvette w/O.S12 CZR Engine Kyosho 1/10 Rampage w/O.S12 CZR Engine	359.95 359.95	269.99 269.99	36	198 198	TC1959 Novak Stutter Stopper-Futaba G	13.50	0 9
4	43 43	TC1892 TC1893	Kyosho 1/8 .21 Burns DX 4WD Gas Buggy Kyosho 1/8 Turbo Burns .21 4WD Gas Buggy	379.95	279.99 499.89	36	198 198	TC1961 Novak 2Ch FM Receiver-Airtronics Plug-27 MHZ.  TC1962 Novak 2Ch FM Receiver-Airtronics Plug-75 MHZ.	100.00	59
3	44	TC1894 TC1895	Kyosho 1/8 BMT 4WD .21 On Road	669.95	549.89 699.99	36 36	198 198	TC1963 Novak 2Ch FM Receiver-Futaba J Plug-27 MHZ TC1964 Novak 2Ch FM Receiver-Futaba J Plug-75 MHZ	100.00	0 5
3		TC1896	TRC 1/10 Gas On-Rd RacerSAVE \$20.00				198	TC1965 Novak NER-2X Receiver-Futaba J Plug-75MHZ TC1966 RK Electronics Battery Management Sys Chrgr	SAVE! 189.95	5 14
	Also		Truck Accessories, Electric Cars and Trucks			36 36		TC1967 Royal Maxi Titan-Futaba-J	NEW! 32.95 NEW! 32.95	
			COPTERS -	4		36 36		TC1969 Royal Maxi Titan-Circus (JR) TC1970 Royal Maxi Titan-Airtronics	.NEW! 32.95	
0	130 130	TC1897 TC1898	Cox Sky Jumper Helicopter Cox Airwolf Helicopter w/Engine	55.50 44.50	39.99 29.99	36	200	TC1971 Royal Maxi Titan-Aristo-New	NEW! 32.95	5 2
		_	ax Helicopter Accessories			36	200	TC1973 Tekin TERX75J Mini RX-75mhz Futaba J		
			page 19			_		SAILPLANES -		
			o Concept 30 Helis & Accessories pages 19-21			18		TC1974 Ace Easy Eagle 2-Meter Sailplane		
0	121	TC1903	Lightning Products Rotocraft Workstation			18	126	TC1975 Ace High MK II Sailplane	199.95	12
0	131	TC1904 TC1905	Midway Models Table Trainer	39.95	14.99	10	126	TC1977 Airtronics Eclipse Deluxe Electric Sailplane	299.95	
)	131 Also	TC1906 See Engin	Whiteman Helicopter Flying Stand	197.99	187.99	18	252	TC1979 Cox Eagle II	139.95	
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	144		Astro Flight Turbo 05 Cobalt Motor	. 80.00	49.99	18 18	127 127	TC1984 Goldberg Sophisticated Lady Sailplane Goldberg Gentle Lady Sailplane Goldberg Goldberg Gentle Lady Sailplane Goldberg Gol	49.99	9 2
9	48 48	TC1908 TC1909	DuraTrax Blast-Off Motor Cleaner  Kyosho Plastic Motor Case for Lemans Motors	5.49	3.99 1.99	18	127 18	TC1986 GM Precision Thermal Charger Sailplane	69.95	5 4
	-	TC1910	MRP Electric Outboard MotorNEW	99.95	62.99	19	7 127	TC1988 Great Planes Spectra Electric Saliplane	79.95	5 5
		Additi	onal Motors — See pages 48 & 49			17	16 18	TC1990 Kyosho ARF Stratus 2000 Sailplane TC1991 Kyosho ARF Soarus Electric Sailplane	239.95	5 17
			Application of the second			17	17	TC1992 Kyosho ARF Soarus II Electric Sailplane w/Aileron TC1993 Kyosho ARF Melody 1500 Sailplane	s 269.95	5 17
		APC	Propellers — See page 11			10	"	TC1994 Leisure Sailplane Conversion Kit TC1995 Scorpio Due 2Ch Sailplane	NEW! 60.00	) 4
1	275	TC1916	Dubro Tru-Spin Prop Balancer	. 26.95	18.99	10	128	TC1996 Top Flite Metrick Sailplane	69.95	5 4
1	275	TC1917 TC1918	Fox 4-Step Prop Reamer Fox Metric Prop Reamer	8.95 8.95	6.99	18	128	TC1997 Top Flite Antares Sailplane	45.95	5 2
	276	TC1919	Kyosho Prop for P51,CA,ET,DU,VL,FL,Zero(2)	5.80	3.99		124 Also	TC1999 Top Flite Phasoar-Electric SailplaneSAVE \$ See Airplane Kits, Airplane Accessories, ARF Airplanes, Fli		5 1
	277		Airscrew Propellers — See page Tower Hobbies BJ Prop Balancer		12.99		Tra	ck Equipment, Helicopters, and Propellers		
		-	Propellers - See page 11			_		TRUCKS —		
			ne Kits, Airplane Accessories, ARF Airplanes, Flight L	ine & Track		52 52		TC2000 Aristocraft 1/10 Draggin Wagon Pullin Sled	109.95	
			delicopters and Propellers			54	30	TC2001 Bolink Invader Monster Truck Kit	NEW! 189.95	5 11
			OS & RADIO ACCESSORIES			50	30	TC2003 Kyosho 1/10 Outlaw Ultima Racing Truck	169.95	9
	190		Ace Chargemaster (Assembled)	. 59.95	47.99	50	31	TC2005 Kyosho 1/10 Big Boss Electric Monster Truck TC2006 Kyosho 1/10 Hi-Rider Vette 2WD Elec. Mnst Trck	179.95	5 9
		_	nics Radios & Radio Accessories pages 30 & 31			50 50	33 29	TC2007 Kyosho 1/10 Double Dare 4WD/4WS Elec.Mnst TC2008 Kyosho 1/10 USA-1 4WD/4WS Elec. Monster To	ruck 319.95	23
	184	TC1928**	Airtronics CS2P FM 2-Ch., 2 102 Servos, Pstl	. 269.95	149.99	53	32 45	TC2009 Kyosho 1/12 Blizzard Electric Snow Cat	329.95	5 22
	185	TC1736	Airtronics SP7H PCM 7-Ch., 5 741 Servos	. 10.95	499.99 8.99	<b>5</b> 3		TC2011 Kyosho 1/10 Outlaw Rampage Truck w/.12CZR TC2012 Kyosho 1/10 USA-1 Nitro Crusher	.NEW! 479.95	37
6		TC1931**	Aristocraft 550 5 Ch. PCM, 3 Servo	. 127.95	99.99 69.99	52	137	TC2013 Team Losi JR-XT Truck Kit-No Electric	NEW! 29.95	5 1
5	186 186	TC1933**	Cox Sidewinder w/Micro Servo Cox Cobra Two Radio	. 139.99	79.99 79.99			TC2015 McAllister 1/10 18 Wheeler Trailer Body		
5	186	TC1934**	Cox Cobra Three Radio	. 149.99	89.99		32	MRC Trucks — See page 52 TC2018 MaxTrax "The Wedge" 2WD Puller	299.95	26
		_	Radios & Radio Accessories pages 32-34			52	32 139	TC2019 MaxTrax Eliminator Pulling Sled	399.95	32
0	76	TC1938	Hobbico Custom Radio Case (Single)		49.99	1	137	TC2021 Parma 1/10 Grave Digger w/Decal Body	.NEW! 25.00	0 1
0	76 23		Hobbico Custom Radio Case (Double)	79.95 82.95	59.99 49.99	52	140	TC2022 Parma 1/10 Chevy 454SS Truck Body	109.95	5 7
1	23 25	TC1943**	Kyosho Impulse II 2 Channel w/Cycle RS Set	. 109.95	79.99 179.99	52 52		TC2024**Traxxas 1/10 Hawk RTR/ESC/PistolTC2025**Traxxas 1/10 Hawk RTR/MCS/Pistol	310.00	16
5						52	141	TC2026 Traxxas Sledgehammer Truck Kit	205.00	114
5	25 25	TC1945**	Kyosho Advance 7Ch FM w/4-KS100 Srvs Kyosho Advance 6Ch FM w/5-KS100 Servos, Heli 1991	. 319.95 ! 399.95	189.99 249.99	52 52	140	TC2027 Traxxas 1/10 Hawk Race Truck Kit	180.00	11



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The front suspension can really take a wrenching...and return to its original shape.

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2-Channel Radio,
6-Cell Battery, & Charger

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Stock #

An upgraded version of the original Raider, the **Turbo Raider** includes Kyosho's Outlaw Stock Mega Motor, a 22-turn powerhouse reaching 22,000 RPM, competition oil-filled shocks, a gear differential with two ball bearings, heavy-duty rotary speed control, orange wheels, and new rear block-pattern tires. The 15.4" Turbo Raider comes with a clear Lexan body and wild neon orange decals that warn the competition to steer clear or get lapped!

Required for operation are a 2-channel radio, 6-cell battery, and





charger. Save on all required items with the Performance Combo.

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TC1695 Kyosho Turbo Raider 2WD Electric . . 149.95 109.99

TC2768 6-Cell Power Battery Pack . . . . . . . . 24.95 17.99

The 15.4" Raider 1/10 scale 2WD features a mid-mounted LeMans Stock 05 motor for stable, precise handling; four-wheel independent double-wishbone suspension and four coil-over shocks to soak up rough terrain, and a clear Lexan body just waiting for a custom paint job!

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Kyosho 6-Cell Power Quick Charger . .

The Raider Ultimate Combo includes all required items—2 channel radio, 6-cell battery and charger—plus the "R/C Car Companion" Video (VHS or Beta), Kyosho Field Bag, paint, brush, and eight "AA" batteries. Save with the Combo, too!

Stock#	Description	Ketail	Now
TZ2219*	* Raider Ultimate Combo w/VHS	\$314.55	199.99
TZ2220*	*Raider Ultimate Combo w/Beta	314.55	199.99
TZ2206*	*Raider/Airtronics VT-2P Radio/		
100	6-Cell Battery/Power Quick		
San	Charger Combo SAVE \$5.00!	289.80	159.96
TC1693	Kyosho Raider Elec. Off-Road Buggy		79.99
TC2768	6-Cell Power Battery Pack		17.99

The **Kyosho Raider ARR** 1/10-scale 2WD comes complete with proven Raider power, handling, and value. This ultra-durable kit includes all of the Raider's great design features plus jammin' decals and neon green wheels for rad new looks. Best of all, the Raider ARR comes factory-assembled and pre-painted. Install the rods and radio equipment, apply the decals, and you're ready for 2WD action!

Hop-ups are easy, too, so you can make your Raider the hottest running and hottest looking buggy they've ever seen. Requires a 6-cell battery, charger, and 2-channel radio.

Description

TZ2207*	*Raider ARR/6-Cell Batt/Power Quick		
	Charger/Airtr.VT-2P Radio Combo		
18 ME E		\$309.80	\$169.96
TC1694	Kyosho Raider ARR Elec. Off-Road Buggy	139.95	94.99
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TC1537	Kyosho 6-Cell Power Quick Charger		14.99



## Scale reproductions of the world's finest cars.

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The Kyosho Scale Series combines incredible detailing with pulse-pounding power. Each car is precisely scaled to recreate the classic lines of the full-size cars. But there's more to these 1/10 scale 2WD electric street cars than eye-popping, display-quality accuracy.

The new Ferrari F-40 and popular Porsche 911, Nissan 300ZX, Ferrari Testarossa. Corvette ZR-1 (see page 71), and Lamborghini Countach are based on the Ultima's proven, classic engineering design, giving these cars top performance to match their exciting looks. All feature a strong, lightweight Kelron™ composite double-deck chassis which can be converted into a 2WD off-road buggy or even a racing truck. They accept either stick or saddle pack batteries, and include an independent suspension system with oil-filled, coil-over shocks.



A powerful, rear mounted LeMans Stock 05 motor and heavy-duty rotary speed control are included. The enclosed gearbox and differential offer protection for consistently smooth operation. A full-width bumper defends against on-road obstacles. Specially-molded Lexan bodies, wide radial pattern tires, and scale wheels are perfect in all the details.

Scale Series street cars require only a 2-channel radio, 6-cell battery, and charger. But while you're at it, grab the Ultimate Car Completer Combo: you get the kit and required items, plus paint, brush and 8 "AA" batteries at great savings!

Stock#	Description
TC1686	Kyosho 1/10 Porsche 911 Turbo
TC1687	Kyosho 1/10 Nissan 300 ZX
TC1680	Kyosho 1/10 Lamborghini Countach
TC1681	Kyosho 1/10 Ferrari Testarossa
TC1685	Kyosho 1/10 Ferrari F40 Electric
TZ2223**	Ultimate Car Completer Combo for Above Cars

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## Ferrari F40 lissan 300Z borghini Countac

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Kyosho Scale Series 2WD race cars offer realism that's straight off the track. Each one recreates in 1/10 scale the clean, aerodynamic lines of the full-size speed machines—and is equally impressive on display or on-road.

In addition to a strong, lightweight double deck chassis, Scale Series racers feature differentials, double wishbone suspension systems and inboard shocks modeled after modern race cars. Also included are a Kyosho Outlaw Stock Mega motor and heavy-duty rotary speed control. The scale Lexan bodies, each a masterpiece of authenticity, can be quickly removed for fast battery pack changes courtesy of a quick-release body latch system. The new Kenwood Porsche captures high-speed IMSA and Group C action. Pair it with the Scale Series Toyota R89C and Nissan R89C, and you can live the excitement of authentic World



Champion Group C racing! Even the full-size car's unique diffuser is reproduced on the McLaren Honda F-1. The Penske PC-19 is a licensed replica of the popular Indy race car, while the Ferrari F-1 recreates the mystique of the real Grand Prix car.

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	Chimate Car Completer Como.				
Stock#	Description	Retail			
TC1678	Kyosho 1/10 McLaren-Honda F1 Electric				
TC1679	Kyosho 1/10 Penske PC-19 Electric Indy Car	Your Ch			
TC1688	Kyosho 1/10 Ferrari F1 Electric	Tour of			
TC1684	Kyosho 1/10 Toyota R89C Group C Electric	15			
TC1683	Kyosho 1/10 Nissan R89C Group C Electric	13			
TC1677	Kvosho 1/10 Porsche 962 Group C NEW!				
T72222	· III				

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Ferrari F-1

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AIRTRONICS VG4R 4-CHANNEL PCM RADIO



Step up to PCM-quality control with Airtronic's full-featured VG4R 4-channel system. A dual-conversion receiver heads up a package that also includes servo reversing, NiCds, charger, adjustable sticks, and three # 102 servos. More on page 31.

**KYOSHO TURBO ULTIMA II** 



The 14.2"-long Turbo Ultima II 2WD comes pre-tweeked for 1/10 scale wins, with ball bearings, Kyosho Gold Shocks, ball diff, fully-adjustable front and rear tie-rods, and a 22 ×1 Mega Outlaw stock powerplant for unrivaled power. See page 67 for more.

For a mirror-smooth, drum-tight finish, use Top Flite MonoKote. Its totally-dry adhesive is activated by the heat from your iron or heat gun. Only \$7.99 per roll. See page 37.

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#### **TEAM LOSI JRX-PRO**



Designed to outshine the JRX-2, the 1/10 scale JRX-Pro 2WD loads rack-type steering, extra-long rear shocks, pro rear shock tower, full ball bearings, LRM tranny and more into an extended, 30° kick-up graphite chassis, so you can go 'pro' in style. Details on page 69.

#### TOWER POWER 12V DELUXE STARTER



Solid starting power for engines up to 1.2 cu. in.! Easy-press start switch and built-in fingerguard/stand keep convenience up and fatigue down. Bronze bushings on both ends of the armature, V-grooved aluminum starter cone w/rubber insert, and self-adjusting carbon brushes also featured. See page 45.

#### KYOSHO SUPER STOCK 34° MOTOR



Kyosho's Super Stock 34° features hot 34° timing, 27 turns of .65 mm wire, and generates 28,000 RPM for top acceleration and speed in short, all out on-or off-road sprints. Now priced for fast savings. See page 49.

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